DENELOPMENT OF AN EXENDENC MOMES, TO ASSESS THE FRANCHISTY OF THE NOCLEAR DEPONENT TO PRODUCE, HANDLE, AND OPERATE OWNERSCRIPTER WITH INDUSTRIANING THAN 5 WITH U^{AS} FOR PAPER IN THE LITTLE STATES.

NAT M SHETS

A DESERTATION PERSONNED TO THE CRAZELATE SCHOOL OF THE UNIVESTITY OF FLORIDA IN PARTIAL REPELLMENT OF THE SEQUENCENTY FOR THE DESCRIPTION OF THE SECUENTY

UNIVERSITY OF FLORIDA

200



I would have been Twisten Famous Twisten for the receipt of continuous and for its policies. I would do a live to do do Twisted Green for live specifies and in a policies in comparing a control of the control of the

March Color Color (MICE)

ACCHONLEDGEMENTS	
UNITED TABLES	
UNITED PROCESS	_
ABSTACE	- 17
CHAPTER	
I INTRODUCTION	
Motoreton and Observe	
Previous Sessiesh	
Description of the Marling Tool Code	
Moving	
Million Description in USA	
Enrodier	
Fud Prignoses and Pubranium	
Ionana, Stange and Food Depond	
2 DETERMINATION OF CRETICALITY LINETS	
Dramour of Coscolor Modeline	
Model of the Coloner	
Mobblerum Pellint Boats and Stotrage Shall-ton	
Single Assembly Models	
From Facil Shapping Croke	
Sport Fod Park	
A RACTION AND RESIDENCE AND ACCOUNT ATTEMPT TO A RESIDENCE	

Seub and Decorp Kerubs	
4 TOONGMIC MODEL	
Overview of Economic Model	
Start Cost Colonias var	
In-Cree Capital Use Charge, Scorupt, not Deposed Charge Cal	
Raylandor Fower and Fad Cycle Cort Calculations	
S RESULTS AND DISCUSSION	
Ense Model Case	
Effect of Variation in Participating Number of Flacin	
Eliber of Variances in Comment Ore Proces Eliber of Variances in Comments Proces	
ESocial Variation in Consequent Prints	
Elbot of Variations in Enradment From: Elbot of Variations in the Cont of Paternation	
Elles of Varieties in the Cest of Belles Laurence	
Effort of Varioticus or the Cost of Dry Cost Stotage	
Effect of Variation in the Fool Position Indoor State	- 1
+ CONCEUTIONS	
APPENDIX	
A MOSP INPUT ELES	
E MONT CALCULATION RUSELTS	
C CASHO 3 REPUT FILES.	
DICAMON AND CANDING CALCITATION NEWSCO.	,
ETURL CYCLE COST CMCULATIONS	
LIST OF REPERENCES	
DOGRAPHICAL RELITER	1

Sensite of MCNP4s rample extends town from Sends of MCNPIs week subolimes from

Con unusua for a 3 person SBC review of the 303 container for greater

shad to smoon creater than Leaf-Lifed

Results of MCN74/2 color/sector of UT₄ to a 200 colorier conselector filed with 2 if were reflector Name of MPNPs(2 palodistions of EV, in a 200 colonials, considerals

Mind and deplot by maker at 20 °C, being an assessment with Results of MENPAC extensiones of EP₂ in a 200 cylonics, completely

Sends of MCNF4c2 educations of UP, in a 200 cylinder, accordants

Sende of MCNF4C calculations of UV, as a NR sylvaler, inequirally filled, analysis of C by its matter separation on a sense of side

Sensity of MCNP4-2 colorisones of 1.0°, in a NSS cylinder, comprovily 63nd, rendered by 6.6 size notice energy base on a constraint dish. Breaks of MCNP42 advantages of UE, as a 208 or flador, comments

What makes and it is a first and a second that the suppose of the

Tends of MCNPAC schalagese of UV, as a 308 orderly, completely Results of DESPAC subsulations of UV, as a 30k cylinder, executionly

8.14 Sende of MCHMcC edeclments of UF, to NW-sylmies in a transpolar good, completely lifted as moderniar lying on a steament with

E-11 Sends of NOVEC odeslaters of U.S. to 300 cylinders in a transplan-sited, considerly filled, professed by 31 tiles uptor many, being on a

5-16	Results of MCNP42 calculations of UTs to 188 sphedom as a magnitive peak, completely filled, endomed by 8.2 ght water upon lying on a creative risk
B-17	Books of MCNP42 calculations of UE, in SIB ophidox is a transpale

pott, craping Edo, codemotics 5 3 ptr voir vego, tring noonemi shit.

5-19 Tenda of MONTAC adolescens of UT, in MS quinden at a margine each correlation filled mademotics. If also write south from our

B-29 Temple of MCNP42 extendences for 5-wP4 T^{P2} notes/CD₄ story on a Grand 49ST 85 page . 21

B-12 Results of MCNPA2 advalations for 3 w/V V ⁽¹⁾ subset O₁ duray at a 10-web SNE NS pape

6 and 400° 50 ppe 8-30 Results of MCSP6C educations for 3-w/6 U⁶² researCO₂ duty is a 3-and 400° 50 ppe

5-20 Books of MCDPsC administration for 16-web U^{CS} water UO₄ story as a Looks ARC 50 war.

28 Seeds of MCNP4c2 educations for 15 with U¹⁹ supprCO₄ stery in a 6-exth NET 55 ppr

3-25 Books of MCNP4c2 calculations for 15-w/G U^{CP} water CO₂ starty as a 8-arch 4957 55 pps .

B-30	Results of MENF4CI calculations for 35 with U ^{CO} waterUO ₄ story in a 6 and 406T 55 page.	×
8-51	Results of MENP42 colocitations for 36-web LE ^{CO} water US ₀ starry to a 5-leads 4067 SS pape.	×
B-52	Results of MCNP4c2 odeclineous for day assessment auctor with an modernose.	28
B-50	Reads of MENP42 oxidiacous for thy provisions rector conformal by water at 20 °C	×
8-54	Results of MENPACI calculations for day represent product continued by O E give tealer report.	. 3
2.55	Results of MCNP4c2 administration for dry convention makes assistanted by 0.3 give valer repair.	24
3-04	Results of MENPACI adminishes the na indicate away of Grigolius draws containing 10^7 powdar modernoid by water at 20 $^{\circ}\mathrm{C}$	26
3-37	Boula eTMCNP4C obstation for a relate any of 41-pilos fram- connect LO gowler molecular by 61 pler water repre-	×
3-04	Books of MENPAC oriodistans for soundaries array of 45-piles drams containing 100 powder contents of to 0.2 give soles report	24
3-55	Remains of MENPAC2 extraorisms the sucordinate array of 45-gallon drawn consuming 100^5 powder exadensed by 6.3 give noise vager .	26
	Rends of NETSCHAFT and advantages for an ordinary many of All and the deser-	

 Bendin of MCNTAC obviouses the or reflects easy of 45 gallon deamcontents (LV) pender conformed by 6.5 give value region

LAC Bendin of MCNTAC obviouses for or influence easy of 45 gallon deamcontaining (LV) pender molecular by 6.1 give value region 6.7. D.41 Sende of MCNPA2 excelence for officer any of malybriness policy bear continues a 2 to 1 rate by ordere of order to 007 moderated by 2 to

D-60 Eartills of NCNPSeQ and educations for inflasts steep of analyticisate pellot bests resistance a 2 in 1 rate by volume of volume to NCP analytical by 0.1

8-47 Sendo of MCNF in 2 extentions for effects any of and yielesion prior treat continuous of 2 to 1 rates by volume of value in 107 exchange for 9.2

B-45 Repuls of MCNPS against robotions for rangle 15x15 assembly analysised

2-10 Kerulu of MCN79 was unknown for stock 12x15 associate value EPSA

3.11 Employed MCNPI and ashed class. for relients savey of diagram contriners

S.D. Breide of WOVP and relations for extent arms of features enteren-

(8-5) Results of MCNPS and colorateous for enforce serve of classes or make

(3-4) Errolin of MCNP5 rapp exhadations a speak field pixel restaining 10

340 Earth of MONTAge estentance a specified pool wave EPEA's as

B-65 Errolls of MCNPS and releasures a specified good wing BPEA's and arminister NO paper borys. . . .

Earnalis of CASS40.3 and CASSFECS-6 includations of the regular of East-In of CASDID. - not CASPACIAN INSURANCE IN INC. - 200 Intoles for 15-day outage plants. - 200

Breaks of CARRID Land CARRID A substitutes of the

Sends of CHIRD'S and CHIRD'S exhibition of boson for Miller

Faul cycle some for plants with 15-day arrange for the first 5 week with 75

Gen Endergouw in the plane will be der young being being on which and plane which and plane which and plane which and plane which are given a plane in the plane given the plane are sufficient to the

E-9 Fad cycle come for plants with 15-fey range for the first 5 pmcs with 25 pmcsepting studies . . .

....

El de la companya del la companya de la companya de la companya del la

2-35 Part spale man for plant with 15-by content for the System with enrichment notes to beautiful to 3150 x 2550.
 2-35 Part spale conte for plant with 20-by content for the first 5-years with enrichment cores manuscript a 1150 x 2550.

Individual fact cycle considerates reduced by 27% with consequenting processing discusses in depth of record signal sets charge.

 That cycle could be placed with 15 days compy for the first 5 years with fidelectors made increased by 19%.

5.40	Fire Expeli cents for placts with 15-day mings for the first 8 years sub. Miscotion scots approach by 20%.
341	First epois costs for places with 30-day consept for the flest 5 years with. Otherwise costs energially 20%
3-42	Fiel code code for place with 15-day energy for the first 5 years with following some decreased by 10%
11-43	First epote costs for places with 30-day energy for the first 5 years with detection costs decisioned by 10%.
25-84	Find upde costs for plants with 15-day estage for the fine 5 years with field-more easier discussed by XNN
21-45	Find exide costs for plants with 30-day easing: for the first 5 years with following scale degreesed by 30%
E-46	Twel expels onto the plants with 15-day entage for the first 8 years with related between expo-deceased by 20%.
8.47	Find epide errors the plants wish 30-day evolge for the Sex 8 years with related between grant-decreased by 23%.
8.48	Find cycle com the plants with 15-by marge for the first I years with related because exist decreased by 50%.
E-49	Fact upde costs for plants web 30 day coage for the first 8 years with relead between greek-decreased by 30%
8.89	Find cycle cons for plans with 15-by marge for the first 5 years with related becoming each intermed by 25%
841	Twel upde costs for places with 35-dry evings for the first 8 years with related foresting costs increased by 25%.
10-52	Find cycle code for please with 15 day rusage for the first 3 years with related between each surmaned by 10%
20-85	Fact systematic for plane with 30-day usings for the flex II years with related increase code automated by 50%.

Pred pych cents for plants with 30-day entage for the first 3 years with
 Observing responsed by \$10%.
 TO

E04	Paul cycle acete for photo with 15-day compy the this first 5 pean with explanement power costs somewelf to 30 $\frac{m_0^2}{10^2}$ $\frac{m_0^2}{2\sigma_0}$.	,
E-55	Full cycle costs the photo with SN-day costage for the Box S years with applicational power costs (serviced to SO $\frac{\sin t}{20^6}$ dy,	
6.96	Fail cycle core for phase with LS-day usings for the first 5 years with replacement power stars formulaed to 50 $\frac{mG}{M^2-M_{\odot}}$	3
8.30	Fuel cycle sents for phases with 30-day unlarge for the first 5 years with replacement power sents increased to $30\frac{mW}{M^2/M_{\odot}}$	- 5
E-94	Find cyclic costs for plants with 15-day satural for the first 3 years with replacement power costs decreased at 25 $\frac{m_0^2}{10^6}$ dg.	
E-69	Faul cycle cods for plants with 36-by range for the first 5 years with	

Final cycle conta for plants with 50-thy energy for the files 5 years with applicational private combinations of 20 pp. 30 pp. 30.

 Final cycle conta for plants with 15-thy arrange for the files 5 years with

explainment power units framework to 13 <u>10th de</u>,

4.1 Ford syste events for places with 20 day entage for the first 3 years with explainment power costs desented to 15 10th de,

II-63 Fuel cycle com for place with XI-day concur for the first 5 years with day stack counts control by 10%.

II-64 Fuel cycle costs for place with 15-day counts for the first 5 years with

S45 Fiel cycle costs for plasts with 30-decromings for the first 3 years with

E-66	Their cycle costs for plants with 15-day outage for the Sen. 3 years with day cosk storage costs increased by 90%	
E-67	Test cycle code the plants with 30 day using the title Erst 5 years with day cosk stanger seen increased by 10%	
5-64	Fad cycle cost for plans with I field radge for the East I pean with dry each storage cross decreased by 20%	
E-49	Find cycle sons for plans with SF-day outure for the Erri S years with day each storage costs decreased by 30%	
6-30	Find cycle costs for photo with 15-fey entrop for the Emil I years with dry cold storage wide decreased by SSN	
631	Find cycle core for plants with Ni-day entropy for the limit yours with	

37. End sysh soon for plants with 15 my recogn or one or a year of disposal for accounted.
37. Partie print seem for plants with 21 day usings for the first 3 years with second disposal for excessoral.

Fail produce extend rine discretion on two

R555: Fail explor results for plants with 15 they make it for fail 5 years with
East produce extended rate discretion to 29 to

R577: Fail explor earth for plants with 20-they make it fail for fail 6 years with

In Prince of the Control of the Cont

3-79 Find epide contr. for plants with 30-day savings for the first 5 years with find preclaim issues of man incomment to 9%

2:40 Earliegels come for plants with 11-day aways for the first 5 years with first purchase content ties transmit to 5%.

841	First again sees for plants with 30-day usage for the Eint 3 years with their pumbase arteries rates recreased to VII.
843	Find apple sont for places with 15 day estage for the find 5 years with find purchase account rates successful (EF).

Full problem storms may surround in EPs.

E-EI Track systematic for plants with 20-day maker for the first 5 years with
full problem primms rates surround to EPs.

E-84 Paul cycle coin for plants with 13 day natury for the limit 3 years male. First purchase extensis rates excessed in 12%

E-83. Find apple costs for photo with 36-day rategy for the first 3 years with find purchase solvent taken increased to 17%.

E.St. Mingrous consideratio for the 18, 36, and 30 arouth East synth cost tensilizes such varying East yearloss solvens roles.

.....

Day		m
14	Diagram of its site breaking	. 10
1-3	New start of the day hydrollon process is sourced U/O ₂ in UV ₂ .	- 12
10	Now that of the wet solvent extra tion flavorantees process to exercise $U_1 \Omega_2$ to U_{12}	.14
14	Procedure ANE's Dry Convenues and Publishing Process	-23
1.8	ACE press flowbat	25
16	Looteen of raspe Rel cycle Sections	-29
ÞŦ	Localism of Independent speet that except installations	.50
2-1	Selicines of bangular year army of UV, 1934 200 contains	- 25
2-2	Earnite of MCNP1s2 askadenous of UV, as 70h cylindes has triangular pitch, completely Eller, lying on a common skill.	.35
2.1	Rando of NCNP42 models of a dry assessment lefts	.30
24	Top now of inflam analy of TO ₂ filled 45 gallon containers showing contained two range of poorse, rade	. 29
2-5	Species of MCNP4c2 models of unlasts usury of UCs Siled 45-gallon continues.	4
24	Bando of NCNFsc2 soludasces for morphisms pulsa hous:	-0
2-7	Results of NCNP4c2 and also of a single 15x15 assembly as water at 30°C	-0
24	Toy now of arfama anny of 15 c 5 soundbly dispoint contrient	. 44
2-9	Busined MOW mobils of others stay of Itheld amonthly theyong	

	continues in water of 20°C with EPEA, shall ned to risk.	
241	Top year of MCNP5 expressed is of expension pool.	
242	Smalls of MCNP1 and models of a speet field pool	
34	Cyale intight or number of history results from CASMO-3 and CASMO-6.	
>0	During its marrier of Intahes results from CASMS-3 and CASFIND-6	
51	Full syste and ampusous of varying cycle lengths with 15-day compeller the field I years	
50	Fuel cycle and companion of varying cycle beights with 30-day entiry for the find 5 years.	
50	First systemes comparison of varying cycle begins with 15-day paragaratur.	

- 5-7 Fast cycle care compensate of varying cycle lengths with 15-day energy for the fine 5 years with 29 periospiling medicin.
- the Clief System with 25 percepting contain.

 5-19 Theil cycle cost compensor of verying cycle lengths with 30-key comperfor the Clief System with 25 percepting scancer.

	the first 3 years with 3 possespening moutant.	.53
5-13	First spale and compensor of varying spale lengths with $2.5\mathrm{day}$ using the the $1.5\mathrm{year}$ with $5\mathrm{postolything}$ matters.	72
3-16	First spain and companies of varying syste lengths with 20-day using the the first 2 years with 3 participating montes.	. 23
5-15	Fuel spale and energonase of varying syste lengths with 13 sky savage for the first I years with our parameters mader.	73

Zwel spole cost computation of varying cycle lengths with 30 day the first 5 years with one participating master.

Minimal of prior date of semants on from The Uk Cranding Computer, EAC

Substitution for the space of Individual fluid systems providings for the Effective systems in 11-day pattern of 3 E-onth 17" providents.

below that first spain costs for the 12-mounts syste with a 15-day outage at 3.0 with 10^{12} move become

ladvished (jet sych some for the 15-month cycle with a 15-day samps at

believeled fiel cycle god personnym for the 81-month cycle with notice at 5 0-m2% U. ** excellence:

Internation Red cycle comp for the 34-month cycle with a 13-day entries in 5-month 17⁴⁴ com-futured. Individual Red cycle gots procurages for the 24 wouth cycle with a 18-day outline of 3-0-with UT considerant 62

Enth-fitted field eyels post processinger for the 30-month cycle with a 30-day colors at 3 8-molt (1th embelores).

Indirected fiel cycle part percentages for the 12 month cycle with a 15-they output in 4.5 with 10 ministrators.

Indential facilities core for the 10 month ovde with a 15-ton nation of

Indexided fael cycle gars procurages for the 13-month cycle with a 36-day organic at 5 web 10 months organic at 5 web 10 months organic at 5 web 10 months organic at 6 months organic at Extracted Eggl cycle contributes and the one of cycle with a survey compared 5 8-wife D⁻¹ sangtones

5-39 Individual fact cycle grap processages for the 18-month cycle with a 15-day octupe or 6 8-with C¹⁸ enrollment Individual first creds corn for the 18-month code with a 15-few waters or S Santi Life

Indirection facility of a percentages for the 18-month cycle with a 30-dep integral of 55-wife 10⁻¹ conditional.

5-62 Individual fael cycle contr for the 24 month cycle with a 13-day entage of A 5 with 10⁴³ continues. 5-63 Individual fact cycle and processings for the 24 month cycle with a 15-tay order of 6-5-w/h C¹⁷ equilibries 5-44 Individual Sub-spale costs for the 24-words spale with a 30-day outsign to 4.5-wife 5.7.* specificant 5-45 Individual fiel spoks goes percentages for the 24 water's spoks with a 30-day outside at 6 3-web 1.1¹⁶ annihumal. 5-66 Individual fact cycle seek for the 30 month syste with a 13-sky energy of 7.3-w05 Cr²⁸ statishases 5-82 Individual field cycle costs for the 30-words cycle with a 30-bity compa at 2.5 cm/s 1 C² constrainer. 5-89 Enderstand fast syste user precurring a for the 30-mouth syste with a 30-day source or 7.5 with U⁻¹² conditions. 5-90 Enforcing figil cycle cares for the 36 month cycle with a 33-day entage of E Exacts 12⁻⁹ constrainer 5-92 Individual figil cycle corn for the 35-ments cycle with a 30-thy ecosys at 2 Coarts EPT anotherest 513 Individual fiel syste prot processing for the 35-month cycle with a 36-day orthograph 5 mm to 10 months and 10 mm to 10 mm 554 Individual figil spuk corn for dit 40-month cycle with a 15-day ecough at 7.5-w/5 L¹² speciation. 5-15 Individual fact cycle por personages for the 42-asset syste with a 15-day order; or 7.5-with 11⁻¹ end denses. 5-56 Enthrolius Sigil cycle cons for the 43-month cycle with a 30-day congr at 7.5-w/4 U⁻² excellment. 94 Formula Morteck per promuses for the Chemich region with a Rody and and a Rody Chemich Action of the Chemich Rody Chemich Action of the Chemich Rody Chemich

Full syste can comparison of varying cycle impths with 15-day arrangs for the first 5 years with our cent dimension in \$20 a labingum.
 Plast syste can comparison of varying cycle impths with 30-day energy for the first 5 years with one core discount to \$20 a labingum.

Does died cyclic cost prospecsion well transfacer of the TL24, and 35-december prefer with 15-decy entage theight.
 Seed great cost compassion with conditions of the TL34 and 36-december prefer with 15-decy entage largeth and one repensed in SEP per kindigment.

5-66 Beer Sell cycle con companion with stockhorn of the 18, 24 and 34-ance), epick with 34-day integral hope).

5-67 Part cycle cost companion with stockhorn of the 18, 24 and 30-asses cycle with 34-day assays leight and an assessed or 1880 per foliagement.

For the first 5 years with convenion costs account to 113 a billiogram. Mr.

5.71 Part upde cost congression of verying cycle lengths with 30 day usings.

For the first 5 years with accounting costs accounted to 113 a billiogram. — 50

For Equify the companion of verying upole lengths with \$6 days using a few fact that 5 years with conversion come decreased in Makkingreet.

SET If you got the companion of verying upole lengths with \$5 days using the tipe files \$7 years with conversion decreased in \$64 is believed.

The file files \$7 years with conversion decreased in \$64 is believed.

Full right cort companies with transfer of the 14, 34, and 34-assets
 quite with 15-day resign length and convention over introduced in 163 per
 Biologies
 Full park cort companies with transfer of the 16, 34, and 34-assets

5-15 That paid on a companion with manifester of the 18, 30, and 30-animh optic with 30-day coups length and convention contractionant to \$1.7 per laborate.

5-77 Fool spelc care companions of veryong cycle languar with 3-5-by extragal for the first 5 years with 5 900 coins descended to 590 a 590 U 22

Infrastrations and navigations for the 30-month field engineers, 54-ter-money 1995 Indicated and national for the Council field entire with Muley outcom ... 123

Individual cost variations for the 15-month East cycle such Mades service

A SET - Individual cost suppliers for the SE month that must make the forest fail out of variables for the 30-sector for 1958. Here are not recognised on one authors for 1956. tradecologic contraversations for the 10 second final conferents (Subsequence 5-114. Individual cost variations for the 18-month that grade with 90-dec coston

5.116 Individed on visioning for the 20-month first parts with 20-day entire with threshold on the parts of the 25-day entire with more special many depth of the 25-day owner with filteration to the military by 27%.

5.118 Individual cont visioning for all 45-day owner with filteration to the 25-day owner with filteration to the 25-day owner with filteration cares reduced by 27%.

5-122 Inhambatic resources for the Fession flad cycle with 30-deposing Collection of the Collection of

5-106 Individual over-variation for the 19-contribute cycle with 15-thy control with intraser ment for find procleases wheelf by 27%. [35]

5-101 Individual core variations for the 19-contribut cycle with 15-thy control with integer times in find a read-time substitute to 27%. [37]

5-19 Individual one recinious for the 24-rough field cycle with 15-day-rounge with income roun for field punchases reduced by 27%

S-129 Information core reconous for the 30-recent fluid cycle with 30-lary outupe with relief Tourning core autocod by 27%
 S-129 Information core reconous for the 24-recent find cycle with 15-lary outupe.

5-827 Indianthal outst removes for the 54-month field cycle with 30-day outsign with related becoming creat and out-by 27%.

5-776 Indianthal outst removes for the followish field cycle with 30-day outsign.

5-126 Internibal cost variations for the 14-teenth Sad cycle with 30-day rotage with around blooming seen mediated by 27%

5-121 Individual our reaction for fin 34-point, find cycle with 30-bity conquired find cooper and address our reduced by 27%.

5-122 Individual our reactions for fin 34-point, find cycle with 30-bity conquired find find financial constraints.

5-05 Substitution or resource for the Except hat cycle with the owner of the American control of the A

19 Individual year numerium dar tie 24 metall dark cycle with 30-fey coloque with retirent rates dar land yearboom reduced to zero
 1940 Individual cont mentiones for the 30-metals dark cycle with 30-fey coloque.

Individual and condition for the 25-menth field epide with 15-fety entropy with assistance for the gentlessor accorded to 20%.

 Individual and condition for the 35-menth field with 15-fety entropy with several new for field auctions increased to 20%.

 Individual and condition for the 35-menth field with 15-fety entropy with several new for field auctions increased to 20%.

 Individual and conditions the several several to 20%.

 Individual and conditions the several to 20%.

S-144 Individual cost variances for the 14-ments fool cycle with 38-day nature with natural source for fool purchases societied to 28%.

 S-145 Individual cost societies of the Normanth fool costs with Makey nature.

with season near for fact parchases normand to 20%.

5-146 Endoubel and survision for the 36-ments fast cycle with 36-day surrage with saltest made for fast resolvent normand to 20%.

 First cycle and comparison with tendiness of the 18, 24, and 30 minth cycle with 30-day stages length and activate actions last punishant sector step. 5-40 For Cody were insepercious with stundance of the IR-XX and SV mouths only an Article Art

5-15. Feel cyclic cost composition of varying cycle langific such 15-day aways drive fact 5 years with Schoolines come increased by 20th. ISS 5-154. Feel cyclic cost reaspedices of varying cycle langific with 25-day sussign dar to fact 5 years with Schoolines costs increased by 20th. ISS

5-137 Fact cycls core compousses of verying cycle lengths with 13-thy oscape for the first 5 years with Shipesson core discussed by 20%.

Int cycle out cappening of veryal cycle regists with 10-bits strong strong first for 5 years with 3-bitsource cost advantable 300%.

 Full cycle out reasonable and threatfaces of the 14, 31 and 30-week cycle with 15-bitsy range length and fabrication outs societies 520%.

 Strong Strong Strong length and fabrication outs societies 520%.

5-163 Find cycle over companions of varying cycle laughts with 15-day energy for the first 5 years was solved increasing costs discovered by 20%

5-364	Evel spok and recognizated of varying spok loughts with 16-day setup. for the first 5 years with select borosing considerated by 20%	-
5-165	First systems compensor of veyong systemages with 15-day entage. For the first 5 years with select Bossing cores occurred by 25%.	
5-366	Fuel cycle and enequation of varying cycle lengths with 26-thy energy for the fact 3 years with relocal florring error received by 15%.	
5-167	First cycle and comparison of varying cycle lengths with 12-day entage. For the first 3 years with solded bioming excle commend by 10%.	
5-308	Facil systems comparison of varying syste longities with Milling mange	

5-369. Part spale and companion with immittees of the SK, 25, and 35-counts spale with US-day extract length and splend becoming error protected by the

Full right and comparison was otherwise in the life, it, and so-ments cards with 34-day senage length and informal accusing costs increased by Sen.

- TTI. First made cost comparison of varying pack lengths with 15-day arease.

for the first 5 years with episconian power costs sequence to 30 and 30 are sequences.

ya mily gw lay ETS - Flaci cycle cont monoportons of verying cycle langels; with 15-the source

Fe Tay

5-178 East spain and comparation of verying cards locates with 36-day extract for the Ent.5 years with appropriate power costs accessed in

9 at 16

5-175	Fod cycle cost component of varying cycle lengths with 15-day cottage for the first 5 years with replacement power since discussed to $20~\frac{\rm min^2}{10^{11}~A_{\rm T}} ~-~.$	16
5176	Fad cycle and comparison of varying cycle longite with 33-bits orange for the first 5 years with replacement power mass distributed to 20 MeV to	16
3427	Fast cycle con comparison of varying cycle lengths with 13-day onlogs for the first 5 years with explosioners power emis decisions to 10 (m) to 10 (m) to	16
5179	Fact cycle cost compositors of verying cycle lengths with 50-feey cuttings. Ser the first 5 years with replacement preser cross decreased to	16
5-129	cycle with 15-ley relique bright and reploatment power costs promised to	16
5-180	Find-cycle cost components with trendition of the 13, 36 and 30 aroush cycle with 39-bby intege laught and epitament power costs command in 50 metr.	.16
5-(8)	Feel cycle area companion of very agree lengths with 15-day orange	

5-183 Fed-cycle core compensors of vivying cycle longite with 15-day actings for the face 5 years with day read, driving cools recovered by 20%.

3-183 Find cycle and amproved of verying cycle lengths with 15-day using the first 3 years with the cash sharest most increased by 30%.

5-190 Theil cycle cost companion of varying cycle lengths with 33-day using for the first 5 pinns with day reak innegal cours document by 20%.

 710 cycle cost companion with weedless of the 16, 15, and 33-bounds cycle with 33-day using in what has day and consist consist over the 40 pinns of the cycle.

cycle with 15-day estage laught and day cask menut containment by 50%.

1 NO Test gold cost companion with machines of the IH, 24, and 33-month ranks with 35-day comparisons that the cask menut-costs measured by

5-195 First cards cost companion of verying syste longths with 15-day entage. For the first 5 priors with record deposed for executions.

Ped cycle next compressor of veryogs cycle lengths with 15-day outsign for the fleet 5 years with 6-day outsign control of 4-day.

 Filed cycle over compressor of veryog cycle lengths with 30-day outsign cycle fleet cycle over compressor of veryog cycle lengths with 30-day outsign cycle fleet days on the filed acceptant outsign cycle lengths with 30-day.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over compressor of veryogs cycle lengths with 30-day outsign.

 Filed cycle over cycle over

5-877 Peel syste cost compresso of varying cycle lengths with 15-day outsign for the first 5 years with find purchase contract one decreased to 7% - - -

Elef spale and comparison with readings of the 18-28, and 35-acoustings with 15-day assign length and their purchase contract mass document to PK.

5:00 Feel cycle cest comparesso with contribute of the 18, 26, and 30-acoustic cycle with 30-day uniting length and find purchase assessed non-acoustic or 5%.

5:00 Feel cycle cent comparesson of verying cycle length with 10-day uniting first first of yours with the growth purchase statement on 8%.

5:00 Feel cycle cent comparesson of verying cycle length with 10-day uniting first first first yours with the growth sent production statement of 8%.

3:381 Fiel cycle and compenses of verying cycle length with 15-day outage for the first 3 years with last purchase retent too recorded to this.

Set a first your samples of the set of the s

5 200 Faid spile and companyon of varying spile lengths with 30-dep outure.

THE Part expire concentrations with straffices of the 18,24 and 36-seath reads with 30-dey compet length and find punchess assume near decreased to 4%.

5-251 Fard cycle corr companies with transferor of the 18, 24 and 20-month cycle with 15-day outsign length and find punchase attention retressed to 5%.

212 Find cycle cost comparison with transferent of the 11 24 and 20 months cycle with 30-day occups length and find purchase internal rates parameted.

3-213	Field spile and companion with templace of the 14-24, and 30-month again with 15-by online length and field purchase absent rates contact to 90.
5014	First cycle and comparison with resultines of the 16.34, and 35-assets, spile with 33-day outuge length and first purchase assets race comment to 90.
1-215	Feel cycle and energonous with resultine of the 14, 24, and 26-month cycle with 15-day ontops length and feel purchase attenue pass bornsood to 18%.
5266	Feel cycle over energiacous, with transferor of tor 16, 24, and 25-much cycle with 30-day compa length and fael purchase seasons are seasoned to 19%.
1.707	Endowsky and consistence and recollege of the NY NA and NI areas.

Folk cycle and supports with stranger of its in, or, and or other cycle with 15-thy central texts and find purchase measurement to 12% Folk cycle and companion with strangers of the 14,34 and 36-month.

- is 12%.

 Generotey ready of faul cycle component to change for typical forumes fael cycle (2% ments, 6.5-et%, 15-day recogn)
- Fed eyde con energecous of varying cycle imples with 15-the outque for the first 5 years with SWU con tocornocity 100%.

 Fed eyde con exemptions of surveys cycle imples with Wiches output
 - for the Emi 5 pms with 394U and accessor by 100%. | 11
 Feel cycle con-compenses of verying cycle lengths with 25-day consus
- Feel cycle con-compenses of verying cycle langes with 36-by easign for the Best 5 years with SWU and documed by 50%.
- 6-7 Fed cycle cost compensor of veryag cycle laughs with 36-the earner for the first 5 pean with distributes cost montaneity 160%.

6-8	Fad eyels contrampation of varying cycle lengths with 23-day college for the first 5 years with the cent of day cash more represent by 100%	20

6-9 Fad syde and companion of verying cycle lengths with 30 day outage file the Ent 3 years with the cost of day ents storage temporal by 180% — 200

6-12 Fad cycle and comparison of raying ryde inspin with 13-day entige. Facility Spins with the cost of rated lamming between by 100%. — 201

6-11 Tred cycle con compensor of very ng gode loggics with 30-day cutsus for the firm 5 years with the cort of rational termining impassived by 300% 201

Alument of Deservation Presented in the Conducer School of the University of Florate in Partial Exhibitions of the Requirement for the Degree of Discover of Flolatophy.

OF THE NOCUPAL INDUSTRY TO PRODUCE BRADE E, AND OPERATE COMMERCIAL FUTL WITH ENGINEERING SELATER DIANS WITH L¹⁴⁸ FOR PARIS IN THE INITED STATES

Salvet 16 Sav

December 300

Major Department, Nuclear and Enderlogard Engineers

The shadow processor as the Direct Economic Conference (Section 1) and the Section 1 and the Section 1

The results of this study solution for incision to conceau academian depended as the cycle languistations. For manion as on 11 ments legisle from one latin assessing in account mediatoris. However, primiting nations of children per year and the regard by reaction on 24 ments legisle of they account mechanism up in 6.5 mells 10¹⁰⁰. Larger members onessed for measure usual larger cycles.

The helperforce interest are was the formation later or forenecing the and strategy termine (but the 55 FeV fe fell) increases a state rate as the could seen in a fell profession beam Feld feel of colorance seen used. The section feel of colorance from changes, strategy or the appropriate most charge. However this inci appear to be able such use feelf the profession from the feel of colorance of the section (appear to be able such use feelf the profession from the feel of colorance of the section of the profession properties to making the policy that colorance are reduced, the profession of properties to making the profession of the colorance of the col

INTRODUCTION

Lwell, laws on fact englaboration is finding ourses fact upols (including group) restricted comblex. Higher become mount higher mendancing that the recent horizont markets of 5 sets; ()⁽²⁾. Whether the culturary at oble to come to impassed dust optioners and process modellipsions to the purpose software to meet become Additionally new angulars such as a solved must shared for higher humans would

The flow to take the last issue and all among a water as execute a resolution of the contractable on a small of lamped design for the factor of the last the

follow and the first of our five higher combines on it is offering to be had or first from the Thirmanian grows to higher combines the first hyder combines, surprise, and handway will report millioned collecting time in the higher conditions reage to see the following the higher Commission of the control or first handward production of the higher Commission of the control or first pass and unchange were the softened and million to proposed collecting to the management were the softened and million to proposed collecting to this management of the control of the softened and the collecting to the control of the collecting and the collecting the collecting of the collecting the collecting and the collecting of the collecting the collecting and of the higher confidence fleet, and CSI thereing residences the concease activately or date. For intermed excidences is the enconducity riskle, the prompty or the processing, companying, building, and crease count for indusingly and a companying science come. The primary prepare of their incomes or an industry a riskle of the deal applicated consecuted this building, and the out original of convening fleet installments or an income consecutive consecution.

makes Proceeds

Evenes LVI. John unity market organization. The first organizant, LUU-COMP. of Rode with UEXPORN Facility and comment of the critical economics for different processors, LSE-COMP-COS, non-tried "Water Mediesaled Season Product Declares Latinate of Sada with SCSPNAD, First and community of this critical expression for two em. The frush experience, IEU COM-455, was stide "Plane-Malarina" (Inaquial)
Plated Lattines (10) PRQC Sealants Read-Cult Fall Each" indiconquiated (Sea Stiff Foodel crainfo unalquiateaux with hazayani intoor with prain values of E. A. 15, and 12 Jen. The Sealants (Sealants) (1004-100), was told "Values Wasse Mediented Leisewe 6 Each with 13) PSQC2 Fed is Sough Frant, 28 "Cir. 27 It "Cir. and

compared of data contain organization for sendings fully flowed has a posed in times with great values of $V_{\rm c}$, $V_{\rm c}$ and $V_{\rm c}$

Table 1 1 Serate of MESPER service releases as the API ACOMETY WANTED IT

2000.00	i ka	 Monthly,	

Table 3-0. Knowled of MCNP in supple unland times from LBO COSIP (SEEROS-COS)

Uncertainty of

2 1807 COST 9 2000 2 1807 COST 9 2000

Told 14. Reside of MCNP is comple columbian from LEU-COMP-TREBB4405 (

Ukenting of

000 FE 5.0 F MINES
1 8 FM 0000 8 5041
3 1001 0001 8 5041
3 8 FM 0001 8 5041

3 8 999 0201 8 900 4 1002 0201 8 900

	Erselo	#MENT	Uncarterly of	
mina re-			Street,	

The University of Princip and Studies Associated Americans Commission, and Gold Right Memodel Associated and according research and expensions a closely additional high nemalmost containing data as fill with V⁽²⁾ to be continued the Bosson and English data. Contral compares and cost to MCCAP and CASARD/SELECTURES have been confined by the Nahue Englishers (Casaronium and and have been confined long expellent of desirability agreement part and first present resembles and sequential and confident and confirmation on the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second confirmation of the second confirmation and the second confirmation of the second co

The Intermedia Chindrich Medig Bourhous A Devision Party (CNRIII) was and A Golden of 1990. In the Department of them (Dorther Partyces) (seems 1990. The propers of them (Dorther Partyces) (seems 1990. The party on recognit of the State of Legerment of Astronom Control Control

Criminity Solidy Reminents Experiments. Currently, the handlests space over 22,000 pages and austrona 307 evolutions approximing 2462 entand configurations. The

hardwook is unimated for use by criticality solery analysis to perform assens

Description of the Nedour Fact Code

The fact that experies for first playing, unsing sailing, not encounter, and waits allowed as experienced and processing and the control of the control of

That is a shore entirely until a market way for per philosing, and without mental the short and was indeed and a short and a short a short a short a short and short and the short and short and the short and short and the short

The one is an interpretation of our may be the open and they because it will be the confidence of cours the section of the sec

Soling perpensionally Effect of the California services production of these week hashead, Billy 1 Moved IT and NVI. Solindon oncore in the United Boson OV Globes, to see Answord by the NVIC on Almost Solindon in Solindon in California or Committy Cross The Regard sentimer produces the Andrean of the United Boson on Committy Solindon Boson and Solindon for Solindon in Solindon in California of the Cali

In a typical ISE, with five holes are Arillari about 50 Empire [14]. The ministic was outside holes (imposted writin) are used to equal the leading substant (impognished and another impognitudes follow to the environment of disorders (increment of those is registrate of colors and an embry (peaks a learness or prysons, haldes planeaus) landing some to each. Observia, and peaked, branking a seal. The other two lates preserved million and oil names up the dealed or mounts outleast and every risk as seen one embryong 300 or learned to membrane (other execution - OCC) grown (Digon - Stall). The deleter is highly attenuable for exhaust perform the grown dates of the which had been the contraction of the colors of the coloring area and proprietted desirability, with hydroxym colors for the seen shouly and demonstrated and deleter the colors of the colors of the colors of the demonstrated and deleter the colors of the colors of the colors of the colors of the demonstrate and deleter to provide the colors of the colors of the colors of demonstrated and deleter to provide the colors of the colors of the colors of demonstrated and deleter to provide the colors of the colors of the colors of demonstrated and deleter to provide the colors of the c

Eather de tremmis pousse solares un respond, et expresse del eff sensor production de la collection de la co

Sone adventages to their is looking are the elementar of the containing principle, and their get of city, climitation of large-rate interactions a solution of rate or means. Sone working underground, and a very most foreign from their Physic file individually principles of the solution. Our developing on the potential for entermotions of the generalization.



New I.1 Degree of least leading (2)

Continues

The irea greatests used to concent the putified UAS, we the day hybrichter greeners them in Tigen 1-3 and day we such that entertaining amount. As the day hydrollice greeners due UAS, or frequenced into a few powder. These the greated asserted amount a finished bed material release it is installated as a supportion of EAM to 150°C and we have day frequent. The resulting product consists match yell wisseams them in (SSs).

\$10x+18x+28x0+100x

Next the ensist TG, to proved on an two supposes hydrollamosaus fluidosisbed revenue, where internous coccur with subplaces bydrogen fluorist (EE) at a supposessor of VEO to 1900 FT. The channel revenue for this when at

TO LET A SECULE

The minking estimate trianshorde (174) is given set, in a non-related relatively shigh multing paint (1700 to 1805/7). It is instead of high improvisors with Source yea in Soun S.E., necessing to the sources.

THE R. P. LEWIS CO., LANSING, MICH.

See as some winder supermore for deliver the USE's, it would be forther profited by founced delibliums withing in a profit of lagin in the principle. The indirect one of the use of replacies above, after earling for 1 days, the USE symptifies [31]. The new connection place appealing in the United Sees in other day conversion place overally and the profit profit in the confidence of the Sees in the day conversion place overally the confidence in the Confidence of the Confidence of the Sees in the Sees



Figure 1-2. Flow chart of the dry hydrotheur process to assess EyO₂ to EF₂(3, 6

The wei whose extraction process (see used in the US) also was solucious, beforeforements, and framewore rape but they are proceed by solvent conscious to Process impostines. Thus, framework destinations as management cause the US; produced I



Figure 1-5. First class of the next solvest extraction-Gaussians process to consent $U(G) \times U_{\pi}(G)$

Datig trappe for postate south die notionen is hijn belev the modale association promose. 15°, in this flamatide set reglesce was desert on the yer. 3 other, benome, set with whom the handless of the or as solitistic sector to intertiges angle association in one models more if brooks (2002) and belonger fluxusis (60°) to the parameter of more some hydrogen fluxusis (60°) to be parameter of more some hydrogen fluxusis (60°) to be parameter of more some hydrogen fluxusis (60°) to be parameter of more some hydrogen fluxusis (60°) to be parameter of more some parameter. The parameter of the parameter of more some fluxusis of the parameter of parameter of more some parameter. The parameter of parameter of parameters of parameters of parameters of parameters of parameters of parameters. The parameters is a parameter of parameters of par

The lamp planet are stress which are study they followed to a summer for the form over $M_{\rm c}^{\rm M}$ and the lamb of an arrange stress at $M^{\rm M}$. Contained for it canning beautiful to the LHV $^{\rm M}$ for our summer is subsequent to the lamb of the lamp planet and the lamp plane

The Printed General Definion Plant or Federal, Kennedy, is were by the only operating assume condenses finding as the United States (P. R.). Denned by the U.S.. Department of States; it is lossed and operated by the United States Exercisess. Componence, a reboilty owned subsidiary of USEC, log. The plant was seemed at 1952 as commenced market exercises to program classificity. The Personnell plant beaut prediction in 1954 and operand about exclusively for tangent Advant response and 1991. In 16th 2001, employers operation in Europeoph was discussioned and consolidated of the Padacak plant which was assembled to bandle 5 wiff, \$1000. The This selection of the Faducah saruhment facility for continued operation and production

of light with all reputation a reage studency on the effort to bronch by the models related field. For the power definition process, the mapper contains and the constant Life μ and the contains Life μ and μ an

control by province to benefit of \$0 then \$(\) \$\) of a closed assigning company \$\). We prove \$\) \$\]

**Empirical \$\text{A}\$ is some and the play are not accommodation as \$\)
**Empirical \$\text{A}\$ is some about \$\) and \$\) in the plan and similar to the end of province and the province and the province and the empirical and \$\) and the plan and similar \$\text{A}\$ is the empirical and the empirical and the empirical and \$\text{A}\$ is some and the empirical and the empirical

Signification (September powers on the General Anniel (To ACIA), we want of the General Anniel (September and General Anniel (September Anniel Anniel Anniel (September Anniel A

On Princey SL, 2001, USEC inhance I come oppositions to a generalized continuement and continuement of 19 The last counted with the broad on U.S. Supermone of Damy) (DGC) schooling and colors can image demonstra objects on a registed the circles; schoolings and colors can image demons on control the continuement and an antiferance producing in the USEC program would be publicated on the Uniform group and colors (p. 16 to USEC) program would be published on the Uniform group places (DC). A foresteeming program with USEC designment of any time of the published principles of the USEC program of the USEC program of any time of the USEC program of the USEC program would be published to the USEC program of the USEC program of the USEC program of the USEC program would be published to the USEC program of the USEC program of the USE

The demonstrating laws a standard or the mid-half set for law for frequency and the confidence and them. This has the frequency and the confidence and them. This has the first a standard and the confidence of the confidence and the gradual confidence and the confidence and the gradual confidence and the confidence a

12,2000, recommending upon a pur consultant unasse considered feeling (del). The 1255 personaling or make up of flowed and gramming conservative consisting of Transact floridos, Dakin Prever, florenge, and Printing-lower. The personaling instead to see Transact transic processes par controlling audientifying that is controlly have a ward or Europe Currendo, Wirene-bas a opporty of rives E5 proves of this would a constituent worker. First expects of 5 million SWINyru proposed to be an 2010 at 2011 depending on metric dement. On September 2, 2005, LISS sanounced as final one advances to be Dealers, New Moleco.

The concentrate method was developed in Comment was the commet would Names a very ball includings a promoter to completely the medican landings and reliable becomes presence reserve coming person adjacent reducated. The sun resent or errors reaches or record users little control of reading charles a resenin reach amount in $\exp i e^{i t}$ surger. These series of correlates made one saided beam. NY INTERPORTED IN PRINCIPAL OF STATE AND ADDRESS OF STATE ADDRESS OF STATE AND ADDRESS OF STATE ADDRESS OF STAT there are a party projection regard on a year block special. The energia Publishment or the and make these whole product \$1^(A); will accomplish near the well of the board, while the

One other source of metaled accounts as the doublineding of high-needed empore grade combines DWX Technologies (RWXCT) and the U.S. Enviances. Depressive him to contact the EPVXT as domained to make about all high-needed account detailed accounts the surface weapons programs (U.S. The domainshooling will in and automitri women components, and menufactures consumpt travely find alarments. The mirror to the fallection of earlier had consciously are also contained. The MOF will be used to recover, where, and describe 1002 model conseque from 20 to 97 account 10^{10} The MOF and connect other processors are and well be bound webside for 154. (ref). The first state or the MOE or the partition cut of an account of concessor of WIII in a added in the directive to dissafes the HEE. The resulting maximum is then bended to robitors at made. This homepresses completion to believe to they pumped formula. District that a present monotoning ordered where the solution is electrical, weighted, and

recepted for 1⁹⁰ concentration. The solution is then handscale two assembly assumed petrop to one of first contage columns whose it is established until sequent for bleading with depleted or low standard surround.

faultin. NPS is constructing a new complex in the Epvin and to manufacture lowannulus marker marker fact. Then also have responsed amendments to their finance to CTV 61 to seconds lose oppoint that to be used in TVA's Beam's Press Nuclear Plant or Alabama, NYS has requested authorization in nucleon dissolution of he New product removable being after and common monel and describing days of the mounting value on

Feel Processing and Fabracators

Connectly from the three U.S. fast followance facilities which are capable of converting the US₂ gas to side US₂(U). From the Connect NPE Raddond General, the United Systems of Event Composition) has do Engineering and Homelettering Facility booster Raddond, Washington. Die Teglenning and Manniformary Facility holds. Name And Adv Will (DOM 1277) Darker No. 2017(17) authorizing the Salamon. privates manufacture of sectors that participate of a processoral concentration (17, or 17). with $\mathbb{T}^{(k)}$, all commonts steps of thy EFs to SIOs convenion and DOs powder regardissed eventual actions, red coding from skipping eventures and storage of consideraof season research up to 5 with U⁽²⁾ (graduct, some and warra materials), catalon convention or sharen in Figure 1-4. The day assess changes UV, hop a properly wrote The US, as explained by US, the solding frequency or creat process, their senior explain with the UPs to minima UKs and PEC The UKs remains over decounts a soletons and from minimum of two storage between Two Affirms annother on the state of buryon are record directly a redding beam excessing farmore. The policies are then preced to a feedball con-Limithous harder where they see loaded one provide inter to which see and plug har

healthful with below one. The early are written from and we then should be a seccomber and tennel for holes. The party are then accomined one on a



Hawaren, the mirgoried dry mair process has been modified. The CP17 has a narrest operating capacity of 3,700 points ions LTs/tr or LUSC matrix iron boxes want our seems and a Territor to no many face TSJ00 kg of U⁽²⁾ in any channel angles obveine CETY brids a bornur Dress Bar U.S. Nociner Exeminatory Commences (NSC) (1986-1195). periors of the plant receives the LVs containers which are stored soulde of the plant and into a visionizar where the UVs is subbroad into the process has whose at in described as ACE: In their detect and colored (chief at high temperature) to from U/O₄. Then it is further refused with Endograms form UGs powder which is then milled and Mondad or landed cate field amonthless. Proces 3-5 amounts a Bow short of the ADEI resource and by



Charles May and Charles May 19 (Among More Charles). A contra 1997 AM, 1914 CA.

(SAME CHARLES MAY SHEET) A contra 19 (Among More Charles) AM, 1914 CA.

(SAME CHARLES MAY SHEET) A contra 19 or contra the following a recent of the promotion of the contra 19 (Among More Charles) Among More Charles May 19 (Among More Charles) Among More Charles May 19 (Among More Charles) Among More Charles May 19 (Among More Charles May 19 (Among More Charles Mo

When the first falsection district is familial assembling the first assembline, they are shapped to the sector. Typically, from fast assembline are power as a temporal sola, and are inhosted to produce the book made as and are inhosted to produce the sector.

Interior Stormer and Final Discount

Which is all fly were or the both fort excellent large are supposed an formand and the spott file by ord for responsing recept ready that one for large due to the state. Anywhere them are described to accold of the control for both and conversed from the soundard of the control for the state and the file of the spott file is placed from a report file. We remote that deposits on the file point for the supposit of the state of the state of the spott file and the supposit years got offered for state account. The point of a soundard advantage of the state of the



Impose theoretic bedytte forbyttl

Linemann	secution	
Unintum Foot Petitigation Facilities		
Chief Selve Fuel Smerton LLC	Winnington, North Carriera	
Newsphore Bedric Emproy, U.C.	CHUNES, SIUTI CASSINI	
Nuclear Rant Browners, Sec.	Sterry, Tensorane	
Prematerna ANP Inc	Landburg Highin	
BMC Texture traject, box	Conthing Hights	
Principles ANP Dro.	Antiené Wentingon	
Stanlar Hesifestes Protestos (Sote	oraion) facility	
Progyad Stormstoner, Src.	Michaels, Strats	
Consume Diffusion Enrichment Peoplings		
II S. Onrebnet Coguntien	Preson Xirtsidy	
E S - Strictbreak Consension	Powers Office	

Figure 1-4. Leavings of major fact code ductions in

without present events and with a mission level litter to provest halout, Approximately 23 feet of vacus or contract to the post above the level of fact to position dediction shelffling. A proposit coloning qualities have been purple and these enhancements that for solition and distribuys of that system we wronged robes legit in the past or with some size-spikes factories, so that the water in the pool cented for desired and dress to the level shows the first of the proposition of the state of the pool cented for desired and dress to the level shows the first of the proposition of the pool cented for desired and dress to the level shows the first of the proposition of the pool cented for desired and dress to the first the proposition of the proposition of

where the property of the prop

A memorybook pic specials alongs only our longs: This transposition is not be incremely only all discuss company. One said, insurance situation specifical data base which is how couldn't die die special and you do not alone sour your was usually done to be yourst to be assurabled by lover gas leader a controlour colder's a sold. This residuous opposition and cylindrica data we asker walded as be bed aloned. The prest cylinder parvalent haking kunkensent of the specified. Each sylveder is secured of by addressed stand, one other executal to provide addressed should not necked and members of the profile floors of the cook dangers on he used for both service and prospectation.

These received by many and opposed and space. We man despite the surface of the production containing the destination of the surface of the s

The contrasposate CS assocy for the deposited approaches from the contrasposate CS associated and the contrasposate CS associated aspect of the contrasposate CS associated aspect aspects as the review lawy of the denomal lawy for money. The CS approaches CS apply CS applies and contrasposate CS apply CS associated aspects and a sequential reality and money applies the solid applies and the contrasposate CS aspects as the contrasposate CS aspects and the contrasposate CS aspects as the CS aspects as the contrasposate CS aspects as the CS aspects are not required to produce aspects and contrasposate CS aspects as the CS aspects are not required aspects as the CS aspects are not required aspects and contrasposate CS aspects aspects as the CS aspects are not required to the CS aspects as the CS aspects as the CS aspects aspects aspects as the CS aspects aspects aspects aspects aspects aspect as the CS aspects aspects

by the Department of State as well as other notices. Additionally, the cost of speec is reprocessing a not offlict by the relaxage value of the residual photosium and anxion

Table 1-7. The same first season down research to be NEC to assess on the

Wender	Storage Deolyn Hedel	Contribute of Compliance Econo Euto	Cush
Description (School Section)	CASPSK 635	DESTRUME	12 13
WEEKS SHOPE	MC10	06/17/19/96	73.13
PMC 240 TMD HIM SHE	MAC S/T	06/13/5996	13.13
PMC Stransfored Str.	NAC-COR SAT	06/17/1996	512 12
Transplant temperature	19-01	11,045,613	13.10
DWY. Foat Bendison Corp.	190.04	64/63/5 9/3	13.13
Transport West, St.	Standarded NUMBER 247	er/at/uni	12.12



Figure 1-7 Lectures of antispendent specified across sometimeses (

CHAPTER 1

Overview of Medicine

In the case, the cent of critical was shaded on an admit of them that against dependent confinence of central to the confinence constant of the confinence constant of the confinence constant of the confinence constant of the confinence constant constan

To carry out this marky orbitality models of find processing equipment, that instantion subgroup containent, and that carries make developed using MODEP Elementarists of 5-with in 29-with U^{20} or nonements of 1 with were extension. The results from that and part were used to make recommendence from the contained of the subgroup of the state and part were used to make recomment resolvents make where of the subgroup recomment resolvents make where of the subgroup recommendation and a subgroup of the su

review field cycle for economing the allowable U⁽²⁾ with in ands assessmen. The reconstruct persistent wars assigned the restrictions or considerated at each growth in the field cycle in order to transport controllers refer:

17, Mil Showing Container

comme different river are a possess strate-flags when. The community responsed to UTand is attend and obspect to the commerced cooking find processing flagilities as U.S. Commercial field Release on Section requisits against UVs in 20th cylinders. A 2013 Only 76 Sether of the \$1.5 leak commed basets of the private scenes \$15. For the represent of this analysis, the refinite was enabled as a pick e-make exhader. The moneyer manuscrible or dustry till marries of EFs at 2,277 for. More married our Ne effectively about in the calcular forces differs has salther experted bound for secretar land responsible numbers of trainmental presents of extrate on subsecuent electure. During the subdivised of LTC, commission encodes results the condenses A wave time remerke we modeled as which held TT, acclaimed by \$10 G or \$10 Termined \$100 Feet \$100 Feet \$10 Termined \$100 Feet \$100 Feet \$100 Termined \$100 Feet \$100 Feet \$100 Termined \$100 Feet \$100 Termined \$10

Figure 2-2 down for extended of the collect transplat peaks war of \$L^2\$ down from the collection resident from the first plus trapes ones at low conditionate (before 16 w/b) L^2) and 0-2 plus war is some forming. The first first L^2 (b) and 0-2 plus war is some forming. The first first L^2 (b) and L^2 (b) and the first firs

Wet Proceedings of LEs to LOs

Typical decrements for plant processing equipment, which will assure market writingly motify in the set processing of a part 2π in the 2π assures asymptotic of the reduce of the participation of the reduce of the participation at 2π and 2π asymptotic and 2π and





gitth, completely filled lysty on a associate shift.

and reflection of controls the link out the table of the pape. The maximal assumed was bossesses always of $100_{\rm p}^{-1}$ (Fig. 2 in a spoke which does not present elemental strategies, a short of anisona desirable provides constraint provides controlled [11]. The relates of Audient 4.8, and 18 and 6 observe applicable (Presence adolested 4997 55 pipes of facilities length removabled by our both of water twent adolested.)

MCNPA2. The smalls show that webust methods extent, we is processed of U_{n}^{*} as V_{n}^{*} and $V_{n}^$

Bry Convenies Processing of UF₄ to EO₄

is a set of primiting to the primiting to the primiting that the primiting the primiting that the primiting the primiting that the primiting t

AUD. The reside shows as Pague 3-3 and Tables 16-32 through 6-35 and Appendix 3 indicate that the quivots falls would be havead to appear among 8-wine falls. An assume of an other to be point falls good winds require replacement of the second hade with one that parameted wholes growned in dimensions on online to ensure carboding softy.



Figure 3-3 - Servito of MCNT4c2 models of a dry pservacuus is

nd of the Care

As separt EDO colds for the authors have a generation venion (traverbrane), framework 20 proof sensembles, their li, 2000 see clean cold or the MCV and with the colds on Section (Section 1), the colds of the colds reason with very molecule. The colorer was model as to quick of the colds reason with very molecule. The colorer was model as to quick of the cold or the part of the 10 section (Section 1) and a section of the color of the color of the composed of 20 feet colors on and one CLT color side. The colorer was composed of the feet of the color of the color of the quick of the color of the very field color (Section 1) and the color of the quick of the color of the of the term of the color of the color of the quick of the color of the of the term of the color of the color of the quick of the color of the colo give retirem et 17% Soly and 47% AGA. This more access as closing all 4000 jair vers out of the time that is \$1500 on this invarience sound to wishow the out of the distriction. In \$1500 on this invarience sound to wishow, the distriction \$10 can of amalisms were solided to require conduct was recorded to the control of the control of the control of \$15 Lab. The worker work of the time were developed and the control ones to the \$15 Lab. The work were developed and the control ones to the \$15 Lab. The work were developed and the control ones to the other mentioners (to Distriction Assistant), and an assistant and the control ones to september \$1,000 and a measurement of the solid and a section with the solid and an admitted the solid and a section of the solid and a section of the solid and a section of the solid and and a section of the solid and

45-Gullen UO₃ Prender Sterrege Decem

Other DND, convention by product of a policy of provided and of a glade consequence of a first and to be producted and a grant of the contract of the contract

The creation of the statistic area of COU, 166 of 5 gains consenses are above as Figure 5-5. The south liability modulator was the OI gain vagar event. There execute have been during a count above. The south and the discount of COU gains consenser would be about of a received UUT of COI societies of UVT which is a refiltered for the USEC consensual gas controllage consense constances for the VEX. The results of the MONICO solutions on if module of the 40 gains assessment for the VEX. The results of the MONICO solutions or if module of the 40 gains assessment.



Figure 24. The view of our element of an arthrite same of U.O. Blief 45-pulsos and transfer of the course of the course of

Mink Selection Public Resonand Species Shakers

One to US growther a finited storp foliar they are placed one multiplements been used go integral. As allowed present a finite control of the story supposed principal and surface and surfaced for a finite story to make a finite control of the multiplement of the surfaced for preparational resolution of Coulomb Education, Technical and SPP principal removalments for high SPP, 2000; Using these to be to be surfaced MADP multiplement of the surfaced. This is the substitute of the surfaced for the surfaced for the SPP principal water at 20°C. The sum of strainfully models were concepted to hook and appearant USA.



remines

with Contract removal 270 was and 600 NeX by whate, the necessary most of Contract Michael and the Section Associated associated to the Contract Michael and the Section Associated associated to the Section Associated associated as the Section Associated associated as of the Section Associated associated as the Section Associated associate



right and the state of the stat

Also for 10 kpc and the order of the order order

rate there that controlled must have used of conductions caused where 5-mills (1974).

The world appear paint the admission of an intelligent, we seem of the forest these than a member of the seemably as memberated, desiral, everywrithous, and placement into the spot flad paid to derive member paint 3-flat paid to derive which claim and conductions up to proportionally 5-mills (1974). The METAL world and conductive and claim to experimentally 5-mills (1974) and METAL world and another and failult the appropriationally 5-mills (1974) and substitute of the substitute of the METAL world another and failult to appropriate and the substitute of the substitu



Pigner 3-7 Remin of MONPAC models of a single 15x15 security on water at 30'
Front Facil Physics Code:

off crick models used the 15x15 arounds); Various medience ratios convinting of sermater, or water value of varying direction were embedd in order to differ the optioners materials. The results of the enforcement of shaping contentes are slown in Figure 2.9 The most learning randomer was the veter at 20°C case. These cases show that the referred prek weeklif he broaded to wonderd GCs, of 6-with or less eff. (***) In additions. models were developed with collisions abed make at EFEAs elevation the made rates. The smalls of Date runs, shown in Figure 2-10, industry that the addition of early each would up to 15 weVs $U^{(2)}$. The word place supporting the over assembles stall the two bounds

A spirit open fast pool tuning mellipotates for this fast installation [57] was another as referred to Figure 5-11. The finds fast incrince, shown as give, are maked as the ISCG considers in the transverse space. Each needing bearing as considerable [50] another in the transverse space, for all needing fast increases an expected [57] of 50TCC considerable in the System of the SYST and the surface (100 - 100



Figure 2-4. Top view of one element of an ordere same of 15x15 seasonly shapping elements.



consuces in various water dentities and six



Figure 2.19 Bornis of MICRONNO models of Lindow recognitive for content an investigation content on the content of the content



Figure 2-11 Top very of MCNP5 may good of a count fad cool



Figure 2-12. Randot of MCNPS ups models of a specified y

CHAPITERS

CANNO Jan CANPON COMto mitter develop a model to be used to assess the femilikely and the rost reports
of liamating field resistancies from forming of 50 of \$4.00\cdots (\$100.00 \text{ transposed from the resistance of \$4.00\cdots (\$100.00 \text{

Desting Descript for your fair few level feeling below and descript confidence of the CoMSD is an EAST COMSD in COMSD COMSD in COMSD COMSD in COMSD COMSD in COMSD COMSD

The CASTRO 4 rate is entirely to 19. M. Years a part of a suspect of the suspect of the Charge of The CASTRO 4 rate (the CASTRO 4 rate of the CASTRO 4 rate of the Charge of the CASTRO 4 rate of the

interest over
$$a_1 \cdot a_2 = \sum_j [a_j - p(a_j a_1 \cdot a_2)]^2$$
 (3-1)

The model used to represent the relationship of $k_{\rm eff}$ via burning is a quantum equation of the form

$$\lambda_{\alpha\beta'}=a_{\alpha}+a_{\beta}^{\alpha}(\beta+a_{\beta}^{\alpha}(\beta))$$

while As, As, and Is not weighting Entercommed D is the humany.

These equations are generated by nothing the first detection equal to soon with import to the weights. These first equations as their which with Chames note as detections to Conflictions. As, As, and As. The developer between other and conflictions as as, As, and As. The developer between other and conflictions.

Read and Rosses Res

A optical 17x3 FME controlly each varying annulusions from 3 tax 50 km 1/100 was modeled and cannot fine CASMO-3. The outputs from CASMO-3 ways entered and cannot be a fine of CASMO-3 wa

which recovers the fewer of the State (see State Acade and Christian Tables). The state of the State Acade and State Acade an



Pigure 21. Cycle impers, support of because their CASMO 3 and CASHNOTS



DODNOMIC HORSE, OF THE NUCLEAR PLUS CYCL

Occasion of Favorage Made

BOT DESCRIPTION THE REPORTED AGEST SHEWING FrOM Regimer Reseason, security from A sixty, and contraction of fewer day and, risings were. The effects of popular range on to individual fiel entire only on paternal continuous or longs must be exceeded. As extreme model was developed to detaining feasibility and the sent impact of protecting medal but the expeledacy of veryong the solived out facil cycle costs to detarmine out only combination of manager or decrease of individual fact cycle sents or enterest reter The find cools seem included the following. () The meterd coursing first charges, 25 day. sterrence charge. To the separative work chance, 45 the Edinguises shares, which coefedor a chercor for the assistance of countiess shad each on the mode bisaction or reveloper's process the 5-web and the approximated the day assessment take as mechanics uponer than 8-web, both repleasures are required due to principly count documented in Chapter 3. (it a very penalty for horsestar the 308 consumpt, the

Efficients linkely, and the upen link peed for enrichments grown that S-aris, $S^{(m)}$. Ty der over efficienting the referred field report. From an ours copical our charge fix the report field enrewment and fing cosk stanges was fair speed field enrewhites, 1(0) if content $1 \frac{m^2}{4K^2 M_{\odot}}$ der fair field field depend cost, and 1(1) replacement power and

Not Cot Colorism

The land option and part of the property of the expert of

$$TOFC = \{i+I\}_i \cdot (k+C_i) \cdot (\frac{x_i - x_i}{x_i - x_i} + FF \cdot (i+\frac{C_i}{12})^{m_i} \cdot (i-\frac{C_i}{C_i}) \cdot (\frac{1}{2n \cdot n_{Min} \cdot q^2}) \} \quad (0.1)$$

Finish diffusionish has PEREC, EL OR memory conversion from \$90000, y.m. de demant existence, v., in the relationstic \$900000, y.m. de Sudi existionare 19 99713, 77 in the propose of the Sud-La distinguish bilapores, in a the series raise and in proteins of the California of the Sudi years and the series of the series of the series of the proteins of the California of the Sudi years are series for the EL and Sudiciously QCC, California of the California of the Sudiciously languish and place Sudiciously and the Sudiciously languish and place of the Sudiciously languish languish and place of the Sudiciously languish and place of t CO Decreases described with an extended from a financial

 $(C + 0 + R) \left(\frac{\sigma_x - \sigma_y}{\sigma_x - \sigma_y} \right) CP \left(0 + \frac{R}{12} f^{(0)} \left(1 - \frac{2K}{C_s} \right) \left(\frac{1}{24 \log s g^2} \right) - (4.2)$

$$CC = \{1 + I_1\}$$
 $(\frac{y_1 - y_2}{y_2 - y_3})$ $CP : \{1 + \frac{y_1}{22}I^{(2)} : (1 - \frac{y_2}{C_p}) : (\frac{y_1}{22}) \text{ for all}\}$ (4.2)
 $CP = 0$ is point of the somewhat in defining per biograms and $CP = 0$ is possible and $CP = 0$.

To the conveners, sense of to be 18 counts.

The base cost of a repairable wook use (SPAL) was set to \$110 per SWU (SQ).

The market of SPAL's resided for the determinant conditions of a color residence.

 $380 - k|^{n} \cdot \frac{1}{k} k|^{n} \cdot \frac{1}{k$

Fin the number of Edupates of strains and a toute strain finds, Fin the number of Magnitus of associal product, and Fin the number of Edupates of Find notices! The quantities Fig. are known as repositive promisis and no obscubed as shown as

$$F(a_i) = (2 \cdot a_i - 1) \cdot \log(\frac{b_i}{1-b_i})$$
 (4-4)

Once the number of SWGs was determined, the excisionout element (KC) in $\frac{\partial dv}{\partial F}$ for

reference to the result Equation 4.5
$$EC = EEC \cdot (0 + E) \cdot EC \cdot (1 + \frac{Q}{2})^{1/2} \cdot (0 - \frac{Q}{2}) \cdot \frac{1}{2M \cdot \log n^2}) \quad (4.4)$$

 ${\it AC}$ is the unit per SWO and the payment schedule for the excalenced (App) was sensed to be 15 arounds.

A two corn of ESP-billion problishmen () A Mono, Coden, passessed intermissioners, April, 2001 by an engent for Edenburs (1922). An additional charge of ESP A Consignated by ESP per A Cognition of the conductors for grant or the A Cognition of the Conductors of grant or the A Cognition of Co-54% for the continues of manifest medium and make in the Acceptance of manifesting of the A and Administration for the manifesting of the Acceptance of an Acceptance for the Acceptance of Cognition of ESP and Acceptance of ESP and Acce

wombles in a best Of, Spoliny, Souther, Nacher Cyermag Compeny, present and memorismin, April 12, 2004; The Judge see increases and 575 yet in hispons to see \$1.5 Mpc in larges and to \$1.5 Mpc in larges have been deep see that \$1.5 Mpc in larges have been \$1.5 Mpc in larges have been \$1.5 Mpc in large has been deep seen and \$1.5 Mpc in large have been \$1.5 Mpc in large have been \$1.5 Mpc in large has \$1.5 Mpc in large have been \$1.5 Mpc in \$1

elation durys (FC) is $\frac{max}{atr}$ by new coloriest as shreads Equation 4-6

 $FC = FBC \cdot (1 + \frac{3}{12})^{2\alpha} \cdot (1 + \frac{64}{C_{\alpha}}) \cdot (\frac{1}{24 \cdot \text{few eff}})$ (64)

The model stillard the day follows an person up filled by the Studient plant of Amerika Terminan-N-NT. Then it in this fundarity for a full filled mode to be reasonable and the state of t

Bases, seen a vera process to connome the GFF, pas to provide: For Microsphases and controver conflicted model frequent rolls in dissalation policies and at make if the pring me supplying the way processor produces and proposed processor by the purchases of a day senterment. Mo. It is probable the may consumm and colorisis that workness of the section of the processor is an indicated to the control of the colorisis of the section of the colorisis of the colorisis of the colorisis of the colorisis of the forces of the colorisis of the forces of the colorisis of the forces of the colorisis of the forces of the colorisis of the colorisis

femonic benth of the classic and part of the contract transfer and part of the contract transfer and the contract transfer and the contract transfer and transfer and transfer and transfer and transfer and the contract transfer and transfer

The total cost in the februarion fieldity (\mathcal{T}_{dis}) for the equipment appeads was

C-m h-St. No

We find the form counted resognation and policies and, it is a listen to the following long to the policies and $p_{\rm c}$ the counted of primary from its basis and to happy the find a regional region of the find and the larger find find a solicies of the primary find find a result of the primary find find a result of the primary counted and the counted of the primary counted and the primary find find a result of the primary counted and the counted of the primary counted and the pr

then E-wife. The elements the utilities for the equipment replacement (Cor.)

and
$$\frac{antr}{aN} \cdot h_{i_{1}} \text{ was prioritized to shown in Equation 6.5}$$

$$C_{ab} = (\frac{T_{ab} \cdot C_{c} + \beta + \frac{1}{12}f^{ab}}{f \cdot c_{ab} \cdot K_{c}}) \cdot (1 - \frac{\partial K}{C_{c}}) \cdot (\frac{1}{24 \cdot km \cdot a\beta})$$
 (4.1)

Gir the cod's legal, it is the senter of landour, as in the reaction of amounts the second-lane in colorate legislate latery are used, there is the receiver of the inference or of the lane indicate of lane interest lane indicated in the language. The indicates a provided the copyright as the medium of lane indicates an indicate the language lane indicates a color in whereas (N immedium) was growing facility and provided view in a side years and whereas (N immedium) was growing facility and provided view in a side years and whereas (N immedium) was growing facility and provided view in a side years and [41].

to the control of the second o

$$T_{i,k} = L(k,j) + \lfloor (j^{k+1} - (k,j)) \rfloor$$

LE, the case of the forevery error, was enforted to be E(0.200). The best interest one used was 1954 on serioric profit for the contributes plus illustrating the contributes and the number of press was set to 5. A fundable set of the houseling and soviets easy, is grown to

Table 4-1. Continuous for Sussing of the SRI container for grosse than 5-well.

Table 4.5. Contenies for a Japanes NAC review of the 369 consume for evanor

der			\$1,000	53.5
The charge to the stales	ar boosing the	340 consumos t	br enachmun	poor bu

with $(C_{\rm bol})\approx\frac{2003}{4R^2}$ was collected as shown in Equation 6-10

$$C_{12} = (\frac{T_{12} \cdot C_1 \cdot 0 + T_2 \cdot (0 + \frac{3}{12})^{1/\alpha}}{y \cdot c_{1\alpha 1} \cdot c_1}) \cdot (0 - \frac{66}{C_2}) \cdot (\frac{1}{24 \cdot 6m \cdot c_2^2}) = (6.4)$$

The property should be for the factoring (LLL), for the factor model are assumed as the set of the transfer for the cold for the factoring for the cold for the factoring for the cold for the factoring for constraints of their gas are assumed part and for the reported or the state in the factor in the factor in the factor in the cold for the factoring for the cold for the factoring for the factoring

The total cent to the followings finding $\langle T_{\mathcal{O}} \rangle$ for the bearing cone to

F, the sum of the investing costs, was extended to be \$472,600. The beau measures,

med review control piece in Table 4-3 and Table 4-4 (18)

Table 4.5 Cent entiretes for bostoning of a facil following facility to precess greater than 3-web facil

Talk Andonia	

Table 64. Cost estimates for fine visits of a 3 person NEC process of a fiel (absocious plant to process greater than 3 raphs (set

Desperators			

The charge in the entitive for iscourse the followings facility for words

$$C_{pr} = (\frac{T_p - C_p + \frac{d}{2} \int_{-T_p}^{T_p} dt - \frac{d}{C_p}) \cdot (\frac{1}{24 \text{ size } d_p^2})$$
 (4-13)

The ratinal basishing cost (AE) as $\frac{m_0^4}{M^2-M_0^2}$ was odersheed as shown in Eigenstein 6.

$$A_{i} = \frac{A_{i} + G + \frac{1}{12}\mathcal{F}}{a_{i+1} + 1000} \cdot G - \frac{GL}{C_{i+1}} + \left(\frac{1}{24 \cdot \text{for eff}}\right) \quad (4.1)$$

 A_s in the last and of visual isomorp, which was set to 1 million define G. Makes, ... Sanion, printed communities, A_p of, B (B). The start blood-and complete data valuables as the way B (B) and B (B).

 $S_{i} = TOPC + CC + SC + PC + C_{i+1} + C_{i+1} + C_{i+1} + S_{i-1} + S_{i-1}$

In Over Crafted Tor Charge, Storage, and Efequent Charge Calculations. The in-core optical standards (CCC) as $\frac{m_{\rm B}^2}{4K^2\log_2}$ was administed as shown as

Desires &C

$$\begin{split} EC + 0.6 &\pm \frac{6}{2} + \pm \frac{1}{2}^{2n} - \frac{5}{2} 0 + 40 &\pm \frac{6}{2} + \pm \frac{1}{2}^{2n} - \frac{5}{2} 0 \\ &\pm - \frac{6}{N_{c}} + \frac{1}{N_{c}} \frac{1}{N_{c} \log g^{2}} - \frac{1}{2} &\pm 400 \end{split}$$

The verified for helf in the the consequently financies of the number of insembles which will the tape and inverviously the region of the res months of fact to make the fact to the same, ETa and XTD: for expende eyels length. For comple, if sometimests, used 2.4 helmens send a two-perceptic, eVE of the assembles mountd be no fine assemble 2 region and fine would be 0.4. XTD wind all in 2 limits 2.0 mouth fine a world eVT3 member. XTD would be 4 th contain and 6 would be 1.6.

The rest of Secretary the spect flat (SL) is $\frac{mh}{10^{\circ} h_{\gamma}}$ was calculated as the

$$SC_i = (\frac{\partial SG_i \cdot C_i \cdot \delta}{\partial x_i}) \cdot (1 - \frac{GS}{C_i}) \cdot (\frac{1}{2i \cdot \log nS})$$
 (6.16)

PSLs is the base work of learning, upon that pool for emphasize beyond 5-with \mathbb{Q}^{24} . A conversely of redering one of those costs is given as Tables 6-5 and 6-6.

. The depend for (SF) in $\frac{md\sigma}{M^2}$ was exhalmed as shown at Dynamic 4-1

skin 4.5 Cost misseries for knowing of a

Type of Analysis		

Table 4.4. Cost extension for a 3 porcer NRC review of a spect fast great for the strengt of growth fast 5 with fast.

$$SF \sim BSF^{\prime} \left(1 - \frac{GK}{C_{\nu}}\right)$$
 (4-17)

NOV to the been government charge to surface of $1 \frac{mk}{k^2 - kr_c}$ for the final diagnost of

$$DCSC = \frac{1240 \text{ per kg}}{24 \text{ off}} \cdot fr + \frac{GS}{C_{ij}} \} \quad \text{(ii.14)}$$

A revert event even redirector that the dry cost promps chargain may be peaked up by the Department of Energy: The decision would assesse the suns savings them Espanium 6.08 in the Energy and Energy.

Replacement Power and Fuel Cycle Core Culculations

The exploration power (EP) in LW for, needed during the energy was calculated tree in Equation 6.19

77 is the thermal power, analysis at 3000 3 MeV $_{\rm H}$ and GU is the energy length in the which was assigned less values of 19 and 30 days [18]. The labor case (GC) as asked

CFD in the ever per few and was uniqued a beau value of $Side_{ij}(N,t)$. Makawa, Eucling, percent communition, April, 2003). The unique $cost_{ij}(N,t)$ is $\frac{m d t}{dN \cdot k_{ij}}$ is reducibled as this as a register 4-20.

$$OC = \left(\frac{EP - EPC + EC}{TP}\right) \left(\frac{CC}{C_0}\right)$$
 (6.27)

JPC in the replacement power curr, which is not in $20^{-\frac{48}{48^{\circ}}}$ by find apple over (FCC) at $\frac{486}{48^{\circ}}$ by an advalated as shown in Equation 4-22.

$$FCC = S_1 + FCC + SI_2 + DF + BCSC + DC \qquad \{0.22\}$$

OSAPTER 5

COCCOS PERO DESCOSE

For this bounded was the act below assets, the maximum field spells onto a sit.

For this bounded was the act below assets, the maximum field spells onto a sit.

For this bounder, the contraction of the

CONTROL of estage length to 30 days would discrete the cost accepts to \$1,319,000 per WOL. A made when some a 30-conflicted with a 15-day nature would save BSATLORY per year by going flow 5 th refs to 7.5 meths. The a 20-day autoget the sample, would discusse to \$4.540,000 per pair. The 12-ments typic has a first typic erest statement in history the surrently betterned 5-mell considerable flows of in not competitive under the few mellindessor. The 54 and 42 member system cannot be been obtained away and the few mellindessor. The 54 and 42 member system cannot be a statement away.

All process cities we desirable for the first frompe profits which is change from the cities from the process and counter for the cities from the process for the cities from the cities from

Effect of Variotics in Distagraphy Number of Nacious Plants

Violation in the mether of suday plans which gasta qual in a progress for increasing field annichments will able to sharps in each plant for the beening and applicated replacement in the fidenceion facility. If the number of personness is the fidenceion facility. If the number of personness is the fidenceion facility.



Figure 5-1. Paid golds cost companions of varying spide lengths with 15-day relegal to the first 5 costs.



rights 3.2. First cycle cont comparison all encyang cycle longths with 10-day owners of the first 5 years.



Figure 3-5. Fiel cycle and are person of varying cycle lengths with 15-bity makes after the first 5 years.



the first 5 years

\$3,899,000 a year for made ribus. For the 24-month cycle, phase use from 5 with to 6.5 \$3.095,000 tO 452 a year pay reals 30 reason syste plant, \$1,517,000 (1 450) for 20 restors so a 34-month endo and 36-day company would recover to \$4,540,000 (0.710) month circle would provide by \$1,374,000 (1,270) and the 18-month crede phase would service in \$77,800 (117,010). If the number of notice of their same received in 20. return. In ground, reserving the number of plants by the beyond 15 seeds in an increase of profits of approximately SINs of that some by the process are use of 5

length, would are even loss of \$46,000 (-46). 256 a year of they beground then 6 TowOL of Stery recent on a 2-5 excepts cycle, or \$4,000,000 (-7,4%) per year of they were then 8 perior. If the by one 13-day everys plant wors to periodigate on an occurred \$1,775,000 C-26 SNG per year for plants using a 3G-month-circle. The same plant wisk a gradia, reduced services to \$55,000 6/45 9No Dar the 24-month profit, and a services of

....

The prime of weatons has shown againfreed variation extra for local 32 years in displayed on Pagers 5-17 (255). In the lates 16 months is in contented them \$15 to \$33.45 per billiogram. The lates economic model property is sent of \$40 year billiogram. Pages or \$-10 per billiogram and the period of \$40 per billiogram and the period of \$40 per billiogram.





the first 5 years with 15 participating conduct



Figure 5:1: Find ryole neel computation of varying cycle lengths with 15-day catago for the first 3 years with 20 participating raccons



Figure 5-8. Fast cycle cost companion of varying cycle longite with 30-day unages the first 5 years with 30 participating masters



Figure 5-9. Fact cycle cost compensors of varying cycle lengths with 15-day execut for the first 3 years with 23 contained on reasons.



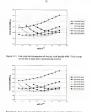
Serifie Cod. 5 years with 25 perhapsing macron



Pigine 3-(1) Find cycle and companion of racying cycle bagels with 15-day racing for the first 1-years with 1 participation residen.



for the first 5 years with 5 persupering newton



for the first 5 years with 2 purcogniting soutces



Figure 5-15 Facil code cost programms of vincing costs lengths with 19 day visings for the first 5 costs with our periodicities marks.



for the first 5 years with one presidenting stores

19 through 5-57 show the endowfield find cycle costs for the reasons grade boundle at 3 to that the first represents of the facility of cost markins with longer cycle times and sansigs to \$12,000 (-01.0%) and \$5.900 (-64.7%) a year per plant for the 16-except cycle. with 13 and 33-day entropy lengths. The prox ranges for the 24-month analy would receives to 41 MF 880-19 2NG and \$1,407-095 OLD for the 28 month profess The 5thseries as \$1.894.000 (13.0%) and \$1.555.000 (17.9%). The 36-month cycle rises. world retrieve arrange to \$6,347 800 (23 2%) and \$6,560,000 (22 0%) for 18 and 30 day ratigot, respectively. In gasend, for array \$30 assessor per labogrous from the \$40 year CTT 67V1 and \$521,000 CTT MICE per year for 36-worst contradent. A reduction of ort come flow \$43 to 470 a hidegree would result in regal but economic change. The stance for the reprinte treats for the 14-continuous on the 24 and 30-continuous continuous by aforting a 2rd code; polynomial transfers for the first mode costs for the three costs or

the bear scots and an environment from our of \$100 per follogenee. The equational for the numbers for the local service with 15-day sourges and the excessed ford service \$100 per Juliquian are promoted on Equations 3-1 through 3.6. Equations 5-7 through 5-12 per day \$10 day source substitution.

ACCID-4 chap=400 are 4-100 are 100 are

If the first charc opposition for the LE-fair yearings are differentiated and into a reso, the amounts for the LE-fairst beyold in 3 th with, the 24-month is 6 for which and the 20-month is 17 wids. Equations for the strength follower minimizers at 5 24-wids, 6 (2 wids), and 3 TE-wids. The first course of the 28-month is 17 th wids. Equations for the 28-month is 17 th wids. The first course of the 28-month is 17 th wids. The first course of the 28-month is 17 th wids. The first course of the 28-month is 17 th wids. The course of the 28-month is 18-month in 18-mont

the term is subject to the increase of large and to find of 5 and 5 and



From \$17. Entered over dear of consumer on four the the Constitute Consumer







Figure 3-29 Enthrolloci field optio seeds the tile 12 woods optio walls a 5th day entropy of 5 0 w/h 1/²⁸ newshaped



mage if 5-w64.5¹⁴ and most



Figure 5-12: Indirected field cycle costs for the 18-words ayote with a 15-day entege at 5.5-with 10^{16} manifested.



usings at 3 SharPL L^{FR} excelement



5-0-schi T^{2,0} savahnase



outage of 5 feeth C²² enrollment



Figure 5-26: Tudevished field cycle costs for the 24-month cycle with a 15-day cutting at 1-0-with 10¹⁰⁰ reproduced.



usings of 5 G-M25 CO¹²² excisioner





.....



Piper 5-30. Indirected field cycle costs for the 36-secols cycle web a 15-step reason is 5-sectle Co²² conclusions.



orange of 5 O-eth C^{all} continues



Figure 5-12. Individual field-spele contactive the 30-month cycle with a 30-day outuge or 5-0-with ${\rm U}^{\rm int}$ established



codes at 5 6-wife L^{FM} considerant



Figure 5-34. Individual field cycle come for the 12-month cycle with a 13-skep energy at 4.5-meN Q²²⁴ enrollments:



CORD H 4 5-WTL L¹⁷ devolutional



Figure 5-34: Endworld find spole seem for the 12-month spole with a 30-day 4.5-with C ⁶⁴ secretaries



2-considerated and a 20-day



Paper 5.14 Individual flad ryths same for the Lifewoods syste within Lifeby votage at 6.0-w/h Life² exceptance.



orage to 6 O with U ** equalities to the 14 month (you wight 1) 5-cm







Figure 3-42. Individual fast cycle overs for the 24-month cycle with a 15-day swaps. 6.3 mCh U⁴²-sanglasses:



Figure 5-0: Individual fail eyels yet percentages for the 34-month cycle sech is 15satigated 6.5-w/s L^{FB} conditioned.



Figure 3-14 Sed-vided Spd cycle cons for the 24 month cycle with a 33-day subage of 6.5-web 10¹⁰ emologist



compress 6.5-wifts U^{ries} encolament



Figure 5-6: Individual fiel cycle erois for the 30-month cycle with a 15-day europe of 3.0-w/10 U²² excellences:



Figure 3-47. Individual that exist exist group start for the 30-counts spela with a 13-da owings at 7.5 with $U^{(0)}$ conclusion.



7 A with U¹⁷ condense:



owings at 7 Sharffs L⁽¹⁷⁾ conductor.







Figure 5-52. Individual dual cycle come for the 36-counts cycle with a 36-day examps of 7-5 with U ¹⁷⁵ experiment.



evelope at 7 5-w/% U⁽¹⁾ excidences.





Figure 5-55 Individual fast cycle personages for the 40-month cycle with a 15 unlage at 9.0 sets C^{FB} melabores.





owings as 5 O-with CFF enrollment



Figure 5-58 First syste core companions of varying a july lengths with 15-day comp for the first 5 years with one sees entered to 560 a follogen:



for the face 5 years with one computationed to \$00 a killington.



Figure 5-00. That cycle cost compressor of verying spale lengths with 15-like energy. See the first 5 years with personn morecod in \$80 a lichagean.



Figure 5-61. Tool cycle cost-comparement viscoving cycle lengths with 20-leng code. for the first 5 years with one case accessed to 500 a knogene.



Figure 5-63. Find cycle cost companions of varying eyele length with 15-thy concer for the Ent 3 years such over each decreased to 129 a Juliagua.



for the first 5 pears with our cours documend to \$20 a kilogram



Figure 5-64. Bow fiel cycle cost comprehen with treatiless of the 14, 24, and 30 mass



Figure 3-63. Find optic cost comproses with conducts of the 18, 26, and 36 most optic with 15-day setting length and are accussed to \$88 per billiogra-





Effect of Vacastons in Converses Prints

Over the has 10 years the segar of conversage has varied from a law of \$2.25 per is in law of 2000 to the county relay of \$7.25 per to DM. The laws recommended polarity and of \$7 and \$5 are \$5 area. As shown in Town \$13 decreash \$177 the conversare process represents each 1 to 3% of the Red cycle costs. An experient of ryanare core: is \$19 per kilosom would decrease our savengs to \$86.000 C.1 (No. and levels. The cost servine for the Manuach cools would suppose as \$1.07,000 (1970). would reduce second in \$15,000 C PP \$100 a year. Measures pages 24 minute code and \$4.855 004 (5.710 for 15 and 30-day region, respectively. In source), for every \$3 soggeste our Reformers there the SV per billowners have core, the east several or reviewed for \$5,000 c.5 \$75 and \$1,000 c.9 Will not you the 18 month under photo with 15 and 36ogual but concent changes. As well the first cost constants, the review for the assessment evants can shown by plurition a 2^{nd} color polynomial regulates for the first craft controller

the their cycle longth at an assessment convention cost of EC2 per killington. The equipment for the availables for the sources of convention cost of EC2 per killington in processor in Equations 5-13 formula 5-14.

 $FCCT[(d-d\phi)]_{dects} = 0.0501 \ \ cm^2 - 0.5795 \ \ cm^2 + 0.970$

/CC783 - daylor - F0489 see* - 1 3813 see +13 294 (3-1

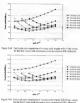
POCTOR-sign_- = 0.0047 or 1-0.001 or +94045 (5-0)

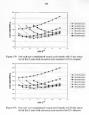
ACC2\$00-day\$_{max} = 0.0907 aw* - 0.003 aw + 10.005 (5-17)

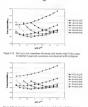
Chillescheider, he requires and reserve (see to comp piles believes for fee) from the pole of 1 (1-14). We first the See Armstophysical PS (1-14) and pole of 1 (1-14). We first the See Armstophysical PS (1-14) and pole of 1-14) and pole of 1-14 and pole of 1-14

Biot of Variations in Europhysest Prices

The proce of SWUs in the United States has natived in the last 18 years from \$60







for the first 5 years with conversion cover decrained to \$4 a ledigmen



Figure 5-74: First Cycle cost companion with treathers of the 11, 34, and 30 crossis; cycle with 15-day unique length and conversion costs received to \$13 pc



spile with 50-day using length and removaline cores increased in \$1.7 Mispania

new SEAS to the account high of SEAS are SEAS (198) as decrease in France 2 Av. | The house economic model sand a value of \$1110 per SWU. Fuzzon S-10 through S-17 show that activities at reason from 17% to 17% of the total field crade contr. The momentum recovers such because optile passed and chapter recovers. A decrease in second SWIT is they nor SWH from the original of a second entertaining facility built to the U.S. smooth common month cools with 13 and 30-day enteror lengths of conclusions were increased in A Sauchi and 5 female, weaponingly. Decreases in the course of SNAS of this manufactor recognition the recodence for reforming field early made for the Mades contact above to 4 character Stag S. Swifts. Engage the production of Alberts account on a community for the CARS 7% per year. The user sories for the 7% month ends would process to \$1,740,000 cm 25G sect \$1,500,700 (13 PH) Sorting 24 month crole. The \$0,000 th code allows would be serve their cost services to \$1,091,000 (0 cto) and \$1,000,000 (1). Rether decrease to \$40 a \$500 would be rether your account of \$100 000 (10.4 th); a confor 14 months under states with 15-day natures. The 20-day outuge plants would recover revenue to \$160,000 (1.172 MG) a year of they revenued regulations to 5.5 5 with said the and 18-decembers would increase serious at \$1.845,000 ct 1.765 and \$1.765 cts CR 7%) The 30 march syste plans would assume surings to \$5,306,000 (0.0%) and \$4,614,000 (3,010) for 15 and 50-day outsigns, respectively. Se present, Sir many \$10 wednesd of 5.5-wiffs) not uses the 1 branchis spale plants with 15 and 36-day outages

acrossed by \$49,000 (5 2h) and \$10,000 (6 9h) for 25 membry order motions, and, meremed by \$10,000 (6 2h) and \$51,000 (6 1h) per year for 36 mouth cycle places. As uncrease of \$10,000 (6 2h) and \$51,000 (6 1h) per year for 50 mouth cycle places. The mouth of \$100 come by \$50 is \$100 mouth mouth on epoch the opposes stronger. The mouth of \$100 come by \$50 is \$100 mouth mouth on epoch the opposes stronger. The mouth of \$100 come by \$100 is \$100 mouth mouth on epoch to approximate the figure.

A 2th outer polymental treadline for the first cycle onto for the 18, 24, and 35month cycles at a decreased SMVL cost of \$80 per SMVL as presented in Figure 3.40 and 5-46. This requires in the freediment for the decreased SMVL cost of \$80 per SMVL accommend on Transactors All Advances A 545.

$$FCCT[15:sip]_{most} = 0.0144 \ sor^2 = 0.001 \ sor + 0.200 \ (0.05)$$

$$POCP[3-dep]_{2-de} = 0.9475 \ em^2 - 0.0437 \ em + 9.3495 \ (5-25)$$

$$NCCT[15-dep]_{mod} = 9.8772 \text{ err}^2 - 1.2281 \text{ ew} + 11.691 \text{ (S-21)}$$

$$\begin{split} FCCT[N-dp]_{min} = (902) \cdot nor^2 - 1154 \cdot nor + 11472 \cdot (0.24) \\ Deliverating the equivariant and when give to array prior in continues the first N-bound with a 5 M-with, 7.23 and 5.65 which is 20 contain upole photo for which is 20 contain upole photo for minimum bound 7.55 which, 7.24 and 3.65 which prior to minimum bound 7.55 which, 7.86 which and 2.385 with 16 of $6.15.25 and 3.6 ments upole A Accesses as 5600 case. \end{split}$$

relevabel Bell spele costs are plotted in Figures 5 87 through 5 166. As shows in these

From the PSP Organ varies (but the control of an office are descent recipied of the CSP or the CSP organ varies (but the control of an office are descent recipied of the CSP organ varies (but the CSP

The similar fact give sent from two evitors from conf. (20% and fact and 20% a

As device for the total of the second copied are charge is strongly compiled as more former, dissipan. This means upon all new shapes in the integrate committees on the days of fault or positions are destined as a second committee of the committees are destined as a fault of a fault of the committees are destined find cycle count as the minimization. It fly all the fault of 10 M process the colorisation find cycle count fine that it, it, we will be incommitteed. The fluid of 10 M process the colorisation find cycle count fine that it is, we will be incommitteed in the contract of the colorisation of

From 3-10 for map 5. We have now of conducted for significant conformation for the Contract of the Contract o

Effect of Variations as the Cost of Fabrication

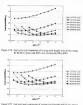
A free refer of \$200 per lig the falcation and was used in the world. As shown in Figure 5-19 dough 5-00, who biguestly represent 3 to 5% of the fact cycle until at the represent effect explicit immunor. A 10% based in falcation cores immunor is executed to the representation of the resource of the resource of the refer to the falcation of the resource of the reso



Pigen 5-Vs. Missolati prior data of KWOs in the Usenel Breen from Title Us Counting Company, LLC (201)



Figure 5-77 Tref cycle cost companion of varying cycle largels with 15-day outup for the first 5 years with 59°U and decrement to 590 a EWU



for the first 5 years with SWU and developed to SR0 a ERU.



Figure 5-80. First cycle over comparison of varying scale imagin, with 10-risp many, for the first 5 moneyards (VIII) and decounted in first a West.

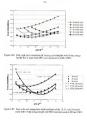


Figure 5-81 Part cycle each compensor of varying cycle longths with 13-day our Ser Res Tool 5 years with SW1/ cont increased to \$130 a SW1/





for the first. 5 years with SWU and account to \$110 a \$850.









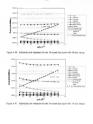
74(39) 3-87 Individual unit vientines für die 12 mmth Rei mide with 15-iup

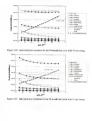


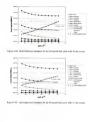
Figure 5-in Intervation and signatures for the 12-month fact cycle with 50-day aways

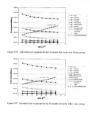


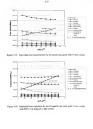
1 they have present they are consistent to the 14 control of the 12 cold of











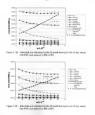
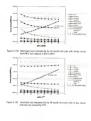
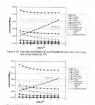






Figure 5-305. Individual and weletions for the 24 month field epole with 18-sky asso, with 5'40' one refused to 50's 8'5'4'.





without one induced by 27%



Figure 5-109. Individual cost variations for the 10-month fast spale with 30-day energy with percent action of the 27%.



Figure 5-169. Individual continuous for the 7% ments that cycle with 30-tay outsy with one seed reduced by 27%.



reth on cast relaced by 27%



Figure 5-111 Individual ever servations for the LE-goods faul cycle wish 15-day units with networking costs refused by 27%



Figure 5:113 Individual and vocations for the 30-meth field systement 15-day compounds converted out to related by 27%.

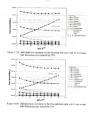








Individual cost reconisce for the EE woods deal cycle rock 15-day reasys



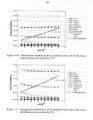






Figure 3-123 Individual continuous for the H second field cycle with 12 day not with referred freezing contractions by 27%



Figure 3-127 Introduct cost represent for the 30-month that cycle with 13-day costs; with 20 and 3-month personal costs with 27%











Figure 5-132. Individual and variations for the 24-month Rel rycle with 15-day outage with mirror mins for fuel proclaims produced by 27%



Figure 5-131 Individual out weletions for the 50-mosts fluit cycle with 15-tay nonwell interest rates for fast yurchous reduced by 27%



Paper 5-173. Indirectaal cost variations for the 18-month field synle with 30-day relags with stateout mass for field purchases reduced by 27%.



Figure 5-133 Individual cost versations for the 34-month fluid cycle with 10-mp using with mirror more for fluid purchases added by 27%.





C. Contractor



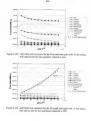
Figure 5:136 Individual and retreatment for the 24-month find cyclic recis 13-day arrange with present rate for find spectroses and each to see

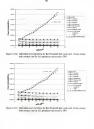


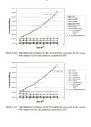
Proper 5-337 - Individual cont venticious for the 30-most first spale wate 13-may conwork observed and Sur field panalment reduced in cens





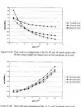












13-day owings length and interest evis on Soil purchases set as 20%



And the state of t

with the frequence enclosers advantage for \$1.5 Mpc areas, \$4 man area year, and are assumed as the contribution of the second price of of the second

56-month cycle. Decreases of the same magnitude as followings come we optical that appears changes. The smaller form these autocolonies are presented to

A 2" write pulymental transition for the field cycle coints for for 12, 24, and 36month cycles with 32% sections in follocation coints at presented in Figure 5-159 and 5-160. The equations for the transitions for more

FCCY[15-day]_{0,1-day} = 6-0051 mm² - 0.7915 mm + 10-474 (5-06)

FCCT198 - deplayer = 6,0000 cm⁻¹ - 9,7010 cm⁻¹ + 9,0013 (5-21)

PCCT[80-dephyros=0.082 are*-0.91M are+10.987 (5.29)

 $FCCT[10-dep]_{(0,1,m)} = 6.0003 \text{ sec}^2 - 1.3318 \text{ sec} + 13.216$ (3-30)

Differentiating the apparation and entiting them to zero pulsels a minimum for the 121menth upon at 3 TL-veffs, TO6-veffs for the 24-constitution, and 3 TS-veffs for 25-menth cycle glastes with 15 day sungers. For 15-day sunger plants the minimum become 5-50vefs, 6-50-veff, and 2-75-veffs for the 13, 24, and 24-month cycles. As increase is differentiated to the restart disc members are a which the fast cycle and as a minimum for all

Editor of Vanageau in Salvad Laureau Costs

A house control \$1,000,000 for releast horseance were used as the results. As shown



Figure 5-151 Test cycle and companions of varying cycle lengths with 15-day compared for the first 5 compared by later annual by 1996.



Figure 5-152: Faul cycle concomportion of varying cycle lengths with 38-day cutfor the first 5 years with filterconon contransaction by 10%







Figure 5-155. Fast spide over compressor of varying spide lengths with 15-day swings. For the first 3 years with fide patient costs discreased by 1994.



Figure 5-156. First cycle cost compression of verying cycle longthn with 30-lay nonfor the first 5 years with filternature costs discussed by 30%.



Figure 5-127: Faul cycle con compressor of verying spile lengths with 15-day on fair the first 3 years with following code document by 20%



Figure 5-154. Fool upda over competence of verying cycle lengths with 53-day of for the first 5 years with distriction come distriction 59y 20%.



Figure 5-129 Fall cycle cost competines with treadlines of the 18, 24, and 36 more cycle with 15-liky arrays longth and fide-control notes received by N



cycle with 18-day aways length and fibracinon constructional by 3

surrous for the 18, 26, and 20-month cycles with 15-day settings are ingressed to segment over sweeps to \$36,000 CM PNL, \$1,334,000 (1 154), and \$4,597,000-36,596 exover: A 50% ductage is related bosoning party increases the copy regions on \$1.14.660. 25 250, \$1,022 000 (1,750) and \$3,005,000 (2,750) are over the 15-day assures. Plants (2.2%), and \$4,568,000 (0.5%) per year. By general, the every 15% decrease in releasi Engages costs, the costs revises for 15-day nature above are presented by \$12,000 (12 Year, \$15,000 (0.074), and \$11,000 (0.074) for the 18, 26, and 36 records creden. 15 1765, and \$11,000 (\$750). Bureaury to the releval bitmong costs of the same capainals would have usual but against changes. The search from these relicitations are removated on Fridge's S-161 through 5-168 and as Tables E-46 through E-53 of

Agrente: A T² enter polynomial invalues the the find syste contribute in E 34, and 50coards cycles with no nerview of 59% in selectal brancing seets in proceeded in Figures 5-198 and 5-70. The equinous for the toxicilizes for a 20% concern or wheel laxering

PDC7[65-skp]_{maxim} = 0404 cm² = 0507 cm + 84214 (5-31)

 $PCCT[S-dep]_{(a,bc,bc)} = 0.032 \text{ sec}^4 = 0.7147 \text{ sec} + 10.137$ (3

PETERS - deplared - 0.000 cm - 9.296 (5:

FCCT[S0-decl_master = 0.0012 each - 1.251 each + 12.338 (7)

Differentiating this requirement of intering distincts army yellor insurances for the 14month cycle of 5 Clands, 6.5 Sand for the 25-month cycle, and 7.00 Antill for 25 month cycle, places with 15-feb; coloque in for 36-feb; values places the consumers beamed 35molt, 6.55-mell, and 7.72 well-for the 16.74, and 30 month cycle. Dermon on related Jaconas, community as very seall increases in the encolaterar or which the first cycle on an aminismic feet for their cycle.



for the first 5 years with relead bearing such desented by 23%



Figure 5-162. Find cycle concompanion of varying cycle lengths with 30-day outque for the first 5 years and relead bosonies posts decreased by 25%



for the first 5 years with related becoming contributional by 50%

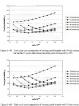


Figure 3-660. Fast cycle cost coapeanol at varying cytel singlet with 13 day on for the first 5 years with school Training costs occasiod by 15%

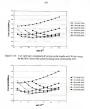


Figure 5-107: Fact systems competence of varying cycle lengths with 12-day or for the first 5 years with piloted becoming sold summed by 50%





ende with 15-day coings length and actual farming mets werened 50%





Cycle with 30-day univers length and school factoring costs increased 50%

Rifford of Visionistees to the Cent of Replacement I's

t bise and of 25 mile for replacement yours not used in the model. As

form a Figure 5-10 decept 5-17, de outage casts (yelod lackade 520 million as wheel expression from 12 to 47% of the fail a yelo until at their expression emiddament minimum. The pressency increments the entire lengths mensus and the speki laughts extrement. The experience for the tradition for a 100% leasure on septement present

POCTES-Modern = 9 6519 km² - 6 1662 km + 9 465 (5-37)

 $PCCT[15-dip]_{(ept)0} = 84588 \text{ sec}^2 -0.7154 \text{ sec} +0.62 (0.58)$

600701-det - - 120001 ent - 1300 en - 13302 - 1300

PCCTP0-skylman = 0.006 ser1-0.008 ser+18.586 (S-60)

from recoking to one-code length to moder. Upon the bear model values a service with no 18-month cycle using 5-3-with field and 13-day ontogo would lose \$29,000 a year of its mast to work to a 24-month cycle. Recutors work a 30-key surrogs would prove rangehol from an 18 events to 24 month cycle. An increase of mer con to 30 mile or refly cyclic widt. I S-day cutates for speculous to a 24 month cyclic. East 1-1,234 290 and a gase of \$943,000 1-00 990 a year. A further reduction to 15 22,499 6%) a year for the 15-day outside and a

servings to \$340,000 (77 Ph.) a year for the 30-day mange. In general

milt for replacement person used in increment, the intrings and increment by

3000,000 (1991-30) per year for 15-day compg place. It y going from an 18 seconds spole for 28 months, and \$600,000 (1899) per year 16 the swinger length in 38 days. The random Seen these individuous new presented in Papiero 5-170 though 5-180 and in Tables E-54 deposits 5-0 of Australia.

Effect of Versations in the Cost of Boy Cosk-Strenge A free charge of \$100 mode for downed intercommunity and in the model. As

where in Figure 5-17 dough 5-50, this symmity represents only 2 or 2 is of the field option that it is impossive field update recomment. A 25% increase in the cost of they weak stronger formers must recruip for that 11, 24, and 13 increase 10 in 10



Figure 5-171. Feet spile not emperious of varying uyak lengths with 13-day ext. for the first 5 years with nephromens power costs sociated to 18. AP.

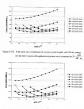


Figure 3-173 Trief cycle cost comparison of varying syste implies with 15-day cost

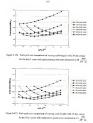


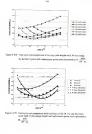


For the Cent 5 years with aughlasmana power areas becomes to 50 mile.



for the first 5 years with replesement power contributional to 20 18







eyels with 30-day cottags length and arythmening power each increased a 50 artis. 80° for

are recovered of Table (1990 and 1990 a

through 5-190 and in Tables 8-62 through 5-71 of Appendix

A 2rd outer polynomial levellater for the field cycle costs for the 16, 34, and 30south cycles web; 9 501 common as the cost of dry code, image is prevented to Propose 5-181 and 5-502. The equations for the herefores for occorded dry code costs are consistent for the cycle of the cycles of the constraints.

FCCT[15-eby]_{con-cu} = 0.0362 cm⁻¹ - 0.423 cw + 9.6562 (5-63)

FOCT(15-depl_maxxx = 0.005 ym² = 0.7308 ym x + (0.445 - (0.446 FOCT(15-depl_maxxx = 0.0000 ym² = 1.407 ym x (1.046 - (0.446

FCCT[30-day]_sects = 2.0150-sex* = 2.003. sex + 9.4047 [5-40]

STEEL AND ADDRESS OF THE WORLD BY

Differentiating the requirement and training from 10 to 10 t

Effect of Verticious in the Final December For

A base few of 1 $\frac{ml}{dN}$, we would in the world. This is a fast our few strength to solution on the second of chargery generated and said faces made update. This fire is used to the control of the strength of the control of charges and faith a sourced for the recovery discount of richless.



Figure 5-181 Find cycle cost simplement of varying cycle laughts with 15-day manage for the first 3 years with dry cash, change units managed by \$2%.



Figure 5-162. Paul systemest companies of varying cycle langths with 30-day reasystem for the East 5 point with day cook assuage overs accessed by 2015.



Piper 5-141 Fast cycle cost comparison of varyone spele lengths with 15-day evin. Do the first 5 years with the each steman areas increased by 20%.



Eigen 5-88. Fuel cycle cost comparent of enging cycle lengths with 30-day coin.

For the first 5 years multi-day each stronger costs increased by 30%.





Figure 3-181. Part cycle cost compensus of varying cycle brophs with 15-day savings



Figure 5-181. Fast cycle our compressor of vegang cycle lengths with 36-day man for the first 5 years such the real interactional accessed for Mills





Figure 5-147. Each cycle and companion of veryors cycle lengths with 15-day using



Figure 5 184. That cycle cost cooppresses of varying cycle lengths with 38-day or for the Cost 5 years with day costs risingle costs decreased by 10%.



Figure 5-189. Fast sycle cost companion of varying cycle lengths with 15-day comp for the first 5 years with day code composion decreased by 20%.



for the first 5 years with day code shappy costs document by 30%



Eligane 5-101 Find cycle core compresses with residence of the EK 3A, and 36 mine reside with 15-day compresses and day code compresses increased 50%.



code with 20-day compa length and day real money men increment to 50%.

major versite. However is as the first, howevers or decreases in the first horse as of clinic for conclusions as which softwards of the other institutions are in their sequences to see a possible or desired or of their less of the possible of the other and their sequences of the possible of their sequences of their

$$\partial F_j = 3 \frac{EDF}{hatcher} \left(1 - \frac{CK}{C_p}\right)$$
 (3-49)

facer of 3 and the deviation of the number of because in the term. A 3 both some would still be accorded a $3 \frac{md}{2\pi^2 - k_0^2}$ depend for. Please using possible the and then ferror associated with the according would be associated and the first would be associated and the force of the second and the first second and the first second force associated and the first record force associated and the first record force associated and the first force record for association would.

Duhar has second fine assumance, palicy, 16-month cyter from two sixt of large many count are six \$2,0,000 My; counts per fine architecture of 6 sec5. The mendment fail or job can assumance for 62-month, cyter job and comment of 16-4 which and compress for assumance and 6 sec5 (60%) year. The 35 month cyter, which assumes as associations remaind are \$4,500 Most year. The 50 month cyter for the 30-big company jobs, and the first year of we shall now \$1,400 Most year. For the 30-big company jobs, and the first year consistence sector of the count contributions and would have not assume, and \$1,300 Miss \$2,000 Miss \$1,000 Mis



Figure 5-20. Particular contemporaries of reging quick implies with 13-decreases



for the first 5 year with several disposed for amounted

Effect of Verlations in the Ford Parchine Service State

A 2rd safet polynomial treatment for the faul cycle amin for the 16, 24, and 24why order, while a throughout faul manhater interest state to 25 h is seconded as Potasti

FORTILI - shall, . - \$4000 per 1 1000 per 1 \$410.

ACCESS - decl. . . . 0.0008 par" - 92004 par + 21008

PECTES - decl. . - 9-9751 per 1-1 3155 per + 62-561

ACCUSE- 40/2- - \$400 pp - 1200 py - 94004

FCCT10-4e1 ... + 1601 re* - 1667

PCCY134 - sto L., - \$ 00% ser 3 - 1 222



Figure 5,005. Find cycle and comparison of varying cycle lengths with 15 this comparation of the find 1 years with find purchase others and decreased to 65%.



Figure 5 876. That apide and assignment of harying cycle lengths with 30-day outupe for the first 5 years with fact proches control and distinct on 5%.



Figure 3-851. Find upon unit compresses of verying cycle lengths with 15-day ratings for the first 3 years with find purchase attend one deciment to 5%.



Figure 5-716. First systemed assuperious of earlying cycle longths with 30-day complete the feet 5 years such End yearhain interest not depresent to 5%.



Pigner 5-199: Fast sprit our computant with treathers of the SE 2%, and 30 months synte with 15-day petago length and fast purchase material and december.



Pigent 5-200: Find cyclic continuous medicines of the LE, 24, and 30 month system with 30-day resign length and find populating external rate distant to 514.



Figure 5-901. First rycle card amproves of verying cycle lengths with 15-bits comp. Scribe Sim 5 seem with find bandware money rate commod in Fig.



Figure 5-200. Field code core compression of verying cycle lengths with 38-day enterprises. For the Eart S years with field parchase teacher year extraored to EN.



Figure 5-201. Fed cycle one emperatus of vacant, cycle lengths with 15 day war. for the first 5 years with find purchase assertionic correspond to PS.



Figure 5-306. Final cycle must energerant of record cycle lengths with 30-day own the the first 5 posts with their purchase interest rate command in VII.



Figure 9 200. Each cycle and comparison of varying cycle brights with 13-sky ming. for the first 9 years with first practices solved extraorance in 12%.



By the first 3 years with fiel purplice interest rate increased to 1976.



Figure 5-307. First cycle cost compresses of varying cycle lengths with 1.5-by visual for the first 5 years with first proclass entered are commond to 12N.



Figure 5-296. Find cycle cost congernors of varying cycle langths with 30-dep issue. So: the Cent 5 years with their purphase orbitost rate increased to 12%.



Figure 9:300: Faul systle and companion with intelligen of the 14, 34 and 36 ments spale with 13 slep usings length and lack purchase selected rate discrete to 2011.



syste with 30-day usings length and list produce stimus; not downwood to IN

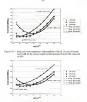








cycle with 50-day sessing laught and find purchase amount neconcessor to 9%



cycle with 30-day ontage length and fael purchase seasont are increases to 10%.





synty with 20 day unlaye length and first purchase science sets common to 12%

CHUTERS

For all the plants of the plan

See I generally our week here the neuroscentic of tested this fact cycle has de seminated find opticisses. Even the 1000 filterates on the filter of the objective strategy as going from the 39-test is legion remainment for the 29 and 30 meanth cycles forecasting informative costs and that leaves the conventionals for the first cycle cost administrate has disconnected in legion and produce to these process of the testic field cycles costs as definite conferentiation in expediting only one to these process of the testic field cycles costs as definite conferentiation for the conference and cost conting a reductively instant. becomes an element of the SV considers with power spect and in given the contract entermone and extract entermone in extract an extract SV considers of the structure of the st

In the case of the

Related becoming variations have both effect on cost coverage the going to higher accordances. Figures 6-19 and 6-12 congress this find cycle state when the orient becoming each see moreoved by 200%. There as lettle effect over on the states of the field. cycle are secured, while a through of the security presence of the cycle feedback. As about the three cycle are consistent of the cycle problem over the complexity. Vicenses of explorated power code level a semiler dilate. As issumed an epidemonia power code the invesses the power of the recorning of large as locating cycle length. Vicenses or the lowested level are code in a consumpt of consistent or produced any city code. I designed feed the code is not assumed on admit to encourage of the cod of fewer association and parentally accomplete one of faight concludents by accommand and code parentally accomplete code of faight concludents by accommand as more lay will allow a pay or

servings or less in stonig higher than 5-9-web; field. At Bod purchase amount ston of 4 to Thirdis occurring model shows a possible savings of ever 2 million deliver set your fire rances song a 24-meets cycle and a sovage of 5 to 4 million dollars per year of rescons way to develop a XI-month cycle. Secretors in between seas could south in very hope locate of magnetic worst to partial higher worshimons. As long as the participating execute diff we come to me the higher conclusions had only to pay for the learning salequipment appraise the the sirilay to go to higher each decrease they exall transition vary cases on purchase of field were covered to 20%, response on a 24-month-cycle could go leach to using 5-wt% fiel and only experience on terestrates from of approximately \$100,000 max diagonal and the safety providence if 5-web; find at 7% contract than each plant could poetanily used 1 4 to 1.7 million deliver a year depending on the average length. Find purchases or an address; one of \$16 would accomplise 5 year loss or less dozs a year

When may be server as more put the protection, also the second to the complete of the complete



Figure In 1. Security shally of flad syste components to sharpe for typical Estatution flad entire Chimosoft, it is notify. It flat restand







Figure 6-1. First cycle con computers of earlying cycle langua; with 30-day compa-for the Core Community (SVI) con consensation (MM).



Figure 6-4. The legals and compedient of voying cycle legals; with 15-inc voxine



Figure 6-5: East cycle cost comparison of veryong-cycle lengths with 30-dry review for the first 5 years with SWU and decreased by SWI.



Figure 6-6. Fool cycle cost everperson of verying cycle (regits with 15-fey every)



Figure 6-7. Fand cycle core companions of verying cycle lengths with 36-fee image. So the East 5 years with following costs memoral by 1995.



Figure 6-8. Teld cycle cost comparator of varying apide longite with 11 day unique



Figure 6-9: Fact opin and companion of varying spale lengths with 30-fey integrated for the first 5 years with the cent of day seek stimups consecuted by 1500.



Figure 6-13. Fact syste continuous and entropy cycle longito with 13-day using



Figure 6-1.1 Test code cost compensus of vaccing code lengths with 38 day mingrated for the East 5 years with select 5 coming costs measured by 180%.



APPENDENA

This appealst contain all of the tree cust NCPP repail files used in determine or acoling homeocon for appropriate and facilities used on the enventoriests, shapping and arough of surface field.

The MCST Insul Tile Starts Mill Countries Countries Filled With 2 For

.

or the contract of the first of the contract o

pro MAM I believe of most disc.
pr 1879 I for of miss deep
pr 1879 I for of miss deep
pr 1870 I for of miss disc.
pr 1870 I miss of miss disc.

Commission of the last of the

100 100 1 1 W

- 10 100111

100 1 200 P

- HI I HE I THE

The MCNI based the black MIC continue Educate Lancard Links

graphs the amenages were as the processes are review and to the State of the State

TOTAL CONTRACTOR

s is noted the same

100 1 2012 1 101 1 2012 1

- VI | 1000-1110-1

F 106-11

er.

298

A STATE OF A STATE OF THE PARTY
NO. OR ASSESSMENT OF THE PROPERTY AND ADDRESS.
NOTE STORAGE

Marie I Demonst 1 S was been a server 1 Color I Server I Color I Server I S read of all 2001 | Telepo I server I Color I Server I S read of all 2001 | Telepo I server I Color I Server I S read of all 2001 | Telepo I server I Color I Server I S read of all 2001 | Telepo I server I Color I Server I S read of all 2001 | Telepo I server I Color I Server I S read of all 2001 | Telepo I server I S all 2001

100 1 100 1 101 1 100 1 101 1 100 1 101 1 100 1 1 1 101 1 100 1 1 1 101 1 100 1 1 1

100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

a to topolic

The MCNP Sepal File No. Considers in a Transpolar Philip, Completely (Most, 5

NAME AND DESCRIPTIONS

206

101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 1

The MCNP hapet File 20E Continues to a Trinspolar Fields, Completely 8844

,	Plater at 28 °C Noderstor, Lyang na a Crawners Si
C NAME OF TAXABLE	a product occupants. Make a country have
	A STATE OF THE PARTY OF THE PAR
i hans t	
1 -1 1000	17 Carrier air
	THE RESERVE OF THE PARTY OF THE
2 85 113	THE RESERVE OF THE PARTY OF THE
	THE RESERVE LABOUR AND THE RESERVE AND A STATE OF THE PARTY AND A STATE
10 kg 2 kg -	OCT 10.10 -10.01 - D.H Floor beat 1
	SERVICE OF THE SERVIC
	Marin Committee of the
	before of the set seen

1. http://discount.com/

The MCNF Input File Wei Proceeding of Torol's UO₂, L300 g Unio, 7 800 decidence 70, Perc.

as remain of the sold two risks, a lift year 1, bit as my

The second second second

20 1111 A

* BO BO (100) FOR BO (100) FOR BO (100) FOR BO (100)

10 00 1000 10 00 1000 10 00 1000 10 10 10 1000 10 10 10 1000 10 10 10 1000 10 10 10 1000

Mary Land Co.

the money of the size is seen, a true of the proof of the straight

Molecuted by Wider at 26 °C
try communications are 1 and 1
2 pm. Mr. 2 medium of archine international contract and property of the contract and archine international contract and
No. 1
Prick 1200 1 m
er St. 1 (St. 1 tonson ton ton of St. 1 (St. 1 tonson ton ton

Figure File Coloner Containing 5 mills UO, and Medicated by Water at



The best of the seconds.

The MCNP largest Prin Single 27x17 Accounting mich Sweets, CO₂ Machinested by Water as 20 °C

The seem

To come to the company of the compan

HI - SHE I STATE OF THE PARTY O

101500 101

Constitution of the consti

The second secon

min . Note of the last of the 101 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 101

10 120-1

Total Control Control

No. of the latest and the latest and

DESCRIPTION OF THE PROPERTY OF

TO THE THE PARTY NAMED IN COLUMN TWO IS NOT THE PARTY NAMED IN COLUMN TO T

United Languages for the

The NCSP Input File South 15x15 Accombly with 5-exts 100₃ and Sout Red Invests Hodersted by Water at 20-50

And the second s

| 11 to reproduce the program of the

B and in Style I memberson

B policy of the style of the

I to the secondary of t



Fig. 5 Ann. Security should be seen as a second of the sec

A TOTAL TO SENSE OPEN A TOTAL TO SENSE OPEN

in 1,6000 I feet pairs and
in 1,6000 I feet pairs and
in 1,5000 I feet pairs and
in 1,5000 I feet pairs and
in 1,5000 I feet pairs
in 1,5000
in 1,

po - 18,000 po - 1



The NCSP layer File failure Stapping Code for Effect Associates with 8 web. EO₂ Medionale by Mean of 20 °C

Table 10 or beautiful contraces and or beautiful con
traces and or beaut

promoting marks

1 of 1,48 max 1 dast person continue

1 of 1,48 max 1 dast person continue

1 of 1,56 max 1 authorize

2 of 1,56 max 1 authorize

2 of 1,56 max 1 authorize

3 of 1,56 max 1 authorize

4 of 1,5 max 1 authorize

5 of 1,5 max 1 authorize

6 of 1,5 max 1 authorize

6 of 1,5 max 1 authorize

7 of 1,5 max 1 authorize

8 of 1,5 max 1 authorize

9 of 1,5 max 1 authorize

1 of 1,5 max 1 authorize

2 of 1,5 max 1 authorize

1 of 1,5 max 1 authorize



NCNP Inpet File Indiale Shipping Codo do 15x15 Assemblies Shell Innets with 5-wyls U.O. Mademark by Weats at 2010

The state of the s

AMERICANA AND POST OF THE PERSON OF T

HO 1.200-0

to NCNP Input File Infinite Shipping Code for 2515 Association 20 EAA walk 5-w2% CO; Minimum by Water at 26 °C

- 1801 | 120410 100

20 180±3

....

The state of the s

STATE OF THE PARTY OF THE PARTY

to 1 March 1 Aut print to 2 1 March 1 March 1 March 2 1 March 1 March 1 March 2 1 March 1 March 1 2 1 March 1 March 1 2 1 March 1

of Prof Containing 5-wt% CO₂ Assembles and SHI PTM Dates.

| 100 | 200 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100

| Territoria galle rele | 1 - 100 - 10 | ed lay of lateral | 2 - 10 | 0 | ed lay of lateral | 3 - 10 | 0 | ed lay of lateral | 1 - 10 | 0 | ed lay of lateral | 1 - 100 | 0 | ed lay of lateral

The second state of the se

The second secon

OTHER DESIGNATION OF THE PROPERTY OF THE PROPE

1 of 1980 19 of June 19 1 of 1980 19 of June 19 1 of 1980 1 of 198

Sec. Co., Sec. C

The MCNP Inper Eds Sport Field Post Combining Swift's EQ, Assessables on

```
| The state of the
```

A STATE OF THE PROPERTY OF THE

HI S TO SHARE A PROPERTY OF THE PARTY OF THE

I SHOW I had pelled the committee of the

4 Hell -4 Mapl | 4

Held | 100% I P More to 30 to 100% I P More to 100% I P

The SECNY input Fits Speed Fred Prod Contaming S m/N, US; Assembler with FFEAs and SSE FFSE Earner.

The state of the s



(and it of the d mind it of the d (and it of the d (and it of the d (and its

APPENDOCU

This reproduce opinion which of all of the results of the MCNF was used to determine exceptly lecitations for apapeaus and facilities used to do unevolveue stopping and nonze of maleur facil.

Take 2-2. Restrict MCNPA2 educations of US, no. 103 cylinder filled in Leasured

Table 8-6 Sewits of MCNP4CI calculations of UF, to a 368 cylinder, usuall filled, included by C4 stip, water value, from on a seminely city

esu?	10	
10		
- 9		

Table 19-K. Elevable of MCNP-5c0 entertainment (LV), as n 100b sylvadar, Ellind, mediament by 0.4 g/m worst vayor, busy on a concess						
with U ^{FIF}	As.					

€ 90029	
	0 0 4047 0 0 9674 6 7 1006 6 74649 6 76008

Total IS I	Send (Sed.	n of MCN moderate	Ne2 celedroms of UE, so a SSB cylinder, complex by 92 gits water repor, bying an accounter size.
with U	No.		

Siled moderned by 6.1 ginz water vapor, lying on a supervey plate

15	0-9090H	€ 00000		
15	CONTRA	6 00000 B		
	CHRIT			
_20	CHINK	1,0000		

Table B-E2: Jumply of MC ESci, motion						
with \$1 th						

Table 8-10. Reside of MCNP acc opposition of UT; so you symmetric at any path, completely filled, makes sell by water at 30 °C lying on a concrete side.

12		
15		
		3 8000
Tele Dr	4 Ferris	of 963
Director	pach,	e ef SACS completed
w5.1 ²⁴	pack.	noykod p
	No.	p c c
MILL PR	Na EFECTS 17 UPS	0 20041 0 20041
ME I	Au EFECTS 0.7 WISE 9.7 Kinst	0 300×1 0 300×1 0 300×4 0 300×4
MEL LIPE	Na EFECTS 17 UPS	0 300m 0 300m 0 300m 0 300m 0 300m 0 300m
W. I.	E FOCUS S TOURS S TOURS S TOURS S TOURS	0 0 20040 0 20040 0 20040 0 20040 0 20040
WE 17"	2 1000 2 7000 2 7000 2 7000 2 7000 2 8002 2 1002	0 2004 0 2004 0 2004 0 2004 0 2004 0 2004 0 2004
W. I.	980). 4 ROCKS 9 7 WISC 9 POST 9 ROCKS 9 ROCKS 9 ROCKS	0 2004 0 2004 0 2004 0 2004 0 2004 0 2004 0 2004

Table 8-	760, rour	Results of MCNPA2 edephines of UE ₄ to a 385 cylinders in a triangu- ywin, completely filled, medicated by 0.1 gloc water vapor, lying on a concrete slob.			
WK 12 ⁷⁴	Page .				
	9 79000	C-0000e0			

19	0.00000		
911			
12			
53			
54			
15			
10			
17			
en to		a sha	PNE unlabbines of GPV m a 305 extenders m a managala of Kind, woodsmind by \$2 give maker raper, lying on a
	8.704E7 8.70498	9-3000H 9-3000G	
- 5	11090	0.30002	
- 1	EMM		

111197 (-0004)

Breaks of MCNP4d educations of U.S. or a 300 spleadure in a minipular with correlated filled confessed by 5 labor seem seem from the

- 53		
76		0.30094
idole (b.)	# Rangh	MEMON
	P Bassin pick, comm	u ciù.
	Na ENGL	u cob
en co	20000 17090 17090	# 000000 0-00000
en (**	200000 170107 170107 170107	# C00000 0 000000 0 000000 0 000000
-	200000 270007 270007 280007	# 00000 0 00000 0 00000 0 00000 0 00000
en (**	200000 270907 270907 2800007 2800007	# 00000 0 00000 0 00000 0 00000 0 00000 0 00000
200 pm	270-97 9 70-97 9 70-97 9 870-9 9 80-97 9 80-97 9 80-97 9 80-97 9 80-97	# (10) 0 00000 0 00000 0 00000 0 00000 0 00000 0 00000
-	200000 27097 27097 280007 280007 280007 280007 280007 280007	# (100) 0 00000 0 00000 0 00000 0 00000 0 00000 0 00000 0 000000
-	270-97 9 70-97 9 70-97 9 870-9 9 80-97 9 80-97 9 80-97 9 80-97 9 80-97	# (000) 0 00000 0 00000 0 00000 0 00000 0 00000 0 00000 0 00000 0 00000 0 00000

Trible B-	29. Ramal pach comm	to of MCN completed raison.	PAC substance of UT, us a 365 cylinders is a triospola y filliof, moderned by 3 f g/or water veyor, byag as a
with 1 ²⁷	N.		
	100	0.00046	

	1 07580	
	1.00245	

	Renks d	
Unewty		
1 100	0.000	
1 100		

	1-000	1 405 1 55
Udeniy	ha.	
3 054 1 890	9 HIDDI 9 HHDQ	0.000086 0.000086

0.9549.5	
Q-54843	

Table 19-30 Parcelos GRANDS Grands 405T SS p			
U-mouty 900	4	a	

1 400

moderator.

















Table 5-16. Results of MCNOWN religious for an ordinar years of 41 religious drawn

Take 6-		nefMCs	P4C2 critishmons for an unfavor sevey of 69 gad periods made said by 2.7 g/or water report
with the	No.		

wage	No.	
	0.867	

Toble S-IP. Excells of MCNP ACI mindences for an inflicion raws of Grydian draws enterings (Grydian draws continued by B.) gits maker required to the continued by B. (1994) (1994

12	9 160/6	

Table (b.4) Results of MCQV942 colorinates for an ordinate every of 43 gallon dress overstood UO parellar modulated by \$4 give water raper

containing LIO* previor moderned by 0.5 give water respect			
with UP	10		

	6 96360	
57		
	1 68671	

Title 5-42 Bertin of MCNP4C calculations for as admin using of 63 galan drawn continuing CO* powder readmind by 63 g/s water report

12	
10	
1.6	6400

#51.0¹⁰ hr 0

Table 2-44 Sensition of NACNY 4c7 coincidences for rengle enalphilosom patter loss common a 7 to 1 rate in a colorer of scaler to 150° malerated for uniter-

Table 8-4	-64 Sendo of MC continuing + 7 29 °C.		
west trees	N	4	

	H Randa Marca	refMCN
	M Saruh	efMCs
	H Rando beats gics w	ef MCS
	No. Servet	ef MCN
es p	No Result bears gics to the street street	e (MC)
es y	Name of Street	# 6/MC5
**************************************	No. Servet picc w picc w	0 00071 0 00071
es of	No. 1 Service of Servi	o di MCN considera principo pr
MA P	No. 1 Service of Servi	orminal process organization organization organization process organization org
en y	Name of Street o	0 00015 0 00015 0 00015 0 00015 0 00016 0 00016 0 00016 0 00016 0 00016
MA OF	No. Service Se	orminal property prop
10 B-	Name of Street o	# MEN ************************************

Table 6-50. Revoluted MCDP5 and calculat









2 555 CS. 2 220%

5 12875 P-28011

es yes	
	\$ 500ma
11	

169(1) \$ 8001)



Table 3-D. Bassian of McCNPT any extenditions a gent fact factor of the second of the

Table Bull: Revolts of MCNPS may calculations a need fact and many RPSA's and

APPENDEX C

This appendix contains the base case CASMO-3 wave file used to determine distingly between each cycle longitude for variablesses from 5-web \mathbb{T}^{FS} to 1-web \mathbb{T}^{FS}

The CASSOS 3 Report Fell Single 17x17 Assembly with Swifts C⁽²⁾ Fact

MR 6 MR 1 N 40 F MR 17 10

HALL WELL AND AND THE WAR THAT THE PARTY AND THE PARTY AND

THE STREET AND THE STREET THE

....

.......

100

CARROLLAND CARROLL CALCULATION RESULTS

This openink reviews the greate from CASHAS-5 and CASHASHA relations: for divolving hemory and spick longitic for meadments from 5-m25 U⁽²⁾ to 10-m25. U⁽²⁾







THE CYCLE COST CALCULATIONS



Particular for the Control of Con

Official Base (selected

	19 months	39.000	Menenth	N. varie	Section 1	A comment
Ì	Put Controlled	Pred Cycle Cone		Publicate Des	Part Sycle Com	Feet Cycle Con
Š	mental.	childry,	CONSTRUCT.	ername.	minteller.	edition.
;	0+4	200	19.0			
v	1	200	220	12.4		1
	100	×	100	900		
,	71.0	2				
				2 1		ı,
					2	2
			2	200		9
		2	9.	3.81	7.88	
	0.00	830	7.68	100		
		50		3.90	-	500
,	2.4	429	100	238	100	
	000	23	4.0			
,	:	94	82	100		

A year with Filter grounds and a second and

The state of the s



2:020022000





ţ:::



DAMES OF P



......







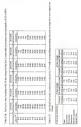




\$::2

























100 C 100 C



DMcE-53 Trid cycle sons for





















Š.,

100,046.0 à::::

à:











\$ 2223











Part cycle work the plants with 15-day compa the the Cent.5 years with that purchase twoms. SPE

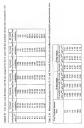






Ş.,





- J. H. Berger, International Handback of Explained Criticales, Surfers Bandmark Exposurage, Nurfeer Energy Acrossy, Nurfeer Soverer Committee, Organ Island for Economic Co-Operation and Development, NEA-NSE COCCESSION, Melo-Nessand Emplainment and Environment Laboratory, Malo Pulls. 3D. September Nessand Emplaiement and Environments Laboratory, Malo Pulls. 3D. September
- World Nacion Association, jegs/henry world nedcat anglefoliof/Libbs.

 Account has NAC.

 Account h
- 3 Scient G Coches and Nathrice Tree/Bonds. Dat Madgar End Carlo Analysis
- 6 U.S. Nader Equitory Commence, http://www.exu.exchesses/delicytic
 - halloning-may hadron had to revered Are 1962
 - 6. Convertio, http://www.comprise.com/disputent.orened June 2002
 - U.S. Nieden Regulatory Communication.
 hig. Document controlled. SSSTEEL Fundation. Enhanced Communication.
 - Accessed June 2002.
 - 9 US Nation Regulatory Communica, http://www.neg.gov/menrate/fig/cycles
 - Se hand adjusted toward June 2002
 - U.S. Nacion Equitatory Commission. http://inemission.acritertet/shiplinel-critic. Surfection-in-Healthmaniston. record 2002
 - U.S. Environmental Protection Agreemy, http://geoco.gov.gov/fightspic/fifth. 2607-6477/2002/hessate/Date-1641899-has, scotted fune 2902
 - 12 U.S. Europeannetic Protection Agency, http://www.epr.gcg/fishette/EPA: Tell*44-T-2007/Agency/Ton-070294-htm. augment June 2002

- N. L. Rawk and F. A. Morette, Evaluation of UT₂ to UOs Conversors Capability in December of Nucleon Fact Followships Facilities, Agrana National Laboratory.
- 14 U.S. Nadow Regulatory Commission, 100, Property and Peter States
- 15 U.S. Nacion Regulatory Communion, http://www.etc.producticipete-fa-
- stemperfunctions. Joint, assessed Asso 2007

 16 ESSECT Computer Code Collection, MCNTHC2 Massa Certs Ni-Persicin Transport
 - Code System, document CCC-N1, Ode Kolgo Naconal Eulomory, Ode Brigo, TN, June 2001

 17. P. W. Taufor, Ir. Naidear Oracolon, Suffee State Str. Incomment Environment Lamin.
 - Dr. Phillip II. McKnooli, Advanced Pathlandon Econom. Lower Con. Union. Therein: Deside Path for lasts from Japons. Mall Propert 99–195. Letto National Engineering and Invitronmental Laboratory. Julio Falls, 12, Decision 2027.
 - Sp. 10p. membran combatridensine locks 5 (1 to 200, 15 f.) was and December 2007.

 20 Viset's December Part Upday of Free Soften Analysis Spoot, Sowhere
 - Yagar Lincity Organising Plant Lipsted From Staling Academia Southern Number Openium Company, Barmingham, A.I., Nitemania 2001.
 Males Deprimum of Bengin F. Persons, CASSON, A. Proj. Accounting Basing Transmitted for Association of Southern Souther
 - Treso Kryeng, Advaccol Engineering Methamistan. 7th edition. John Wiles A.
 - Soar, Ire., New York, 1993
- Suppose L. L. St. ALCO Specific Language, Control of Convenience Prints Cambridge, U. K., 1988
- N The Us Counting Company, U.C. <u>hig./home.use.com/antenius_round/del.</u> segued languages
 - 20 The Un Countries Company, LLC, http://www.ass.com/securities_a_action; ware bird, consent damany 2005

- 27 Office of Critica Reductors Water Management, him Process naves due novingted/freehit and accessed houses 2003-
- 16 Equipmen 14.C term Colony manufacture construinment him respond formary 2003

 - 29 The Un Connecting Company, LLC, http://press.usc.aug and hard assessed beauter 2005. 10 Should of Governor of the Foderil Kaseric System, hits Jopes Scientiferance con/released Livings hits, account March 2004

SCAL BOSTO

Balance South van bour in North Tiery, Oreneus Creade, on Jew 74, 1999, to behand and Rechryf heath. The produced how that Education of Efficient with in St. Selgow in another comparating in the just 1996. He constrained by applicated electricies for the Overveyor of Efficient with American of Marine and Educations in White Selgowson (Marine and Educations) in White Selgowson (Marine on Mary 1999). He data were to work for Provinceous Technologies and produces of Commercial in the Intervency of Plancks on protour a Guizanatia Algane.

I conify that I have read this study and that or sty spaces at conforms to compute students of scholarly presentation and in fally adequate, in corpe and quality, as a



I emily that I have read this study and that in my opinion it confacts of scholarly prosenance and is fully adequate in coops and out discontinuous for the degree of Disable of Philosophy.

Edward (Pengage)

Edward Y Dague

Jenniste Professor of Nacions and

Knitelegiesi Engressores

To craffy that I have read this mudy and dust or any opinion is conforms to acceptable mandarite of adolesty presentation and is daily adequate, or suspensed quality, or a dissentation for the degree of Device of Ethicosphy

> G Rosald Deline Professor Engrans of Hodine and Badelograf Engoverse;

I confly that Plants road this study and that is any openion is unadverse to assorption standards of adolestly presentation and is also adopted in scorpe and quality, as a discontinuous for the degree of Device of Thicosophy

Canada Strong Research Science of Minerals Sci

I confly fair I form read the study and that as my openior of confirmation accomplished durity of arbitrary presentations and as fully adequate, no scope and quality, as a minimum for the decree of Depter of Philosophy. The dimensions was submitted as the Graduate Fensity of the Cadage of agreeing and to the Chadasia Solved and was recepted as period fulfillment of the parameters for the degree of Declar of Philosophy

December 2004

Practical Managerian
Practed P Stargonian
Data College of Engineering

Dean, Gradum School